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HOMESTEAD AFB, FLORIDA. REVISED UNIFORM SUMMARY OF SURFACE WEAT--ETC(U)
JUN 81

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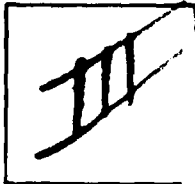
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PHOTOGRAPH THIS SHEET

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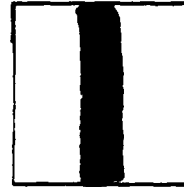
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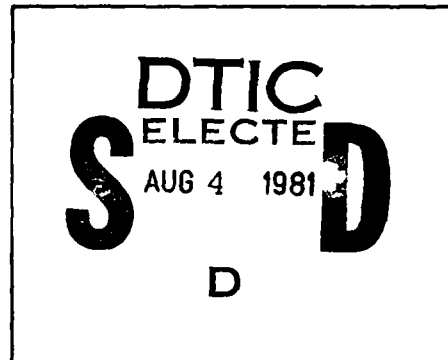
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REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

22 JUN 1981

HOMESTEAD AFB FL
L 25 29 W 80 23 FLD ELEV 7 FT HST WMO #12826

PARTS A-F
FOR FROM HOURLY OBS: DEC 68 - DEC 70, JAN 73 - NOV 80
FOR FROM DAILY OBS: FEB 43 - SEP 44, MAY 45 - JUNE 45
AUG 45 - NOV 45, JUNE 56 - NOV 80

TIME CONVERSION GMT TO LST: -5

JUN 17 1981

FEDERAL BUILDING
ASHEVILLE, N. C.

DISTRIBUTION STATEMENT A
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Review and Approval Statement

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This technical report has been reviewed and is approved for publication.

Wayne E. McCollom

WAYNE E. MCCOLLOM, Chief
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WALTER S. BURGHANN
AMS Scientific and technical
Information Officer (STINFO)

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ADP 850 091

REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM															
1. REPORT NUMBER USAFETAC/DS-81/065	2. GOVT ACCESSION NO.	3. RECIPIENT'S CATALOG NUMBER															
4. TITLE (and Subtitle) Revised Uniform Summary of Surface Weather Observations (RUSSWO)- HOMESTEAD AFB, FLORIDA		5. TYPE OF REPORT & PERIOD COVERED Final rept.															
6. AUTHOR(s)		7. PERFORMING ORG. REPORT NUMBER															
8. CONTRACT OR GRANT NUMBER(s)																	
9. PERFORMING ORGANIZATION NAME AND ADDRESS USAFETAC/OL-A Air Force Environmental Technical Appl. Center Scott AFB IL 62225		10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS															
11. DISTRIBUTION STATEMENT (of this Report) Approved for public release; distribution unlimited.		12. REPORT DATE 17 JUN 81															
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17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)																	
18. SUPPLEMENTARY NOTES																	
19. SUBJECT TERMS (Continue on reverse side if necessary and identify by block number) <table border="0"> <tr> <td>*RUSSWO</td> <td>Daily temperatures</td> <td>Atmospheric pressure</td> </tr> <tr> <td>Snowfall</td> <td>Extreme snow depth</td> <td>Extreme surface winds</td> </tr> <tr> <td>Climatology</td> <td>Sea-level pressure</td> <td>Psychrometric summary</td> </tr> <tr> <td>Surface Winds</td> <td>Extreme temperature</td> <td>Ceiling versus visibility</td> </tr> <tr> <td>Relative Humidity</td> <td>*Climatological data</td> <td>(over)</td> </tr> </table>			*RUSSWO	Daily temperatures	Atmospheric pressure	Snowfall	Extreme snow depth	Extreme surface winds	Climatology	Sea-level pressure	Psychrometric summary	Surface Winds	Extreme temperature	Ceiling versus visibility	Relative Humidity	*Climatological data	(over)
*RUSSWO	Daily temperatures	Atmospheric pressure															
Snowfall	Extreme snow depth	Extreme surface winds															
Climatology	Sea-level pressure	Psychrometric summary															
Surface Winds	Extreme temperature	Ceiling versus visibility															
Relative Humidity	*Climatological data	(over)															
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This report is a six-part statistical summary of surface weather observations for HOMESTEAD AFB, FLORIDA It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb (over)																	

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19. Percentage frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables
*FLORIDA *HOMESTEAD AFB, FL
20. and dew point temperatures and relative humidity); and (F) Pressure
Summary (means, standard, deviations, and observation counts of
station pressure and sea-level pressure). Data in this report are
presented in tabular form, in most cases in percentage frequency of
occurrence or cumulative percentage frequency of occurring tables.

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U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS
ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV
(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY _____

FEBRUARY _____

MARCH _____

APRIL _____

MAY _____

JUNE _____

JULY _____

AUGUST _____

SEPTEMBER _____

OCTOBER _____

NOVEMBER _____

DECEMBER _____

STATION NO OR SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FIELD ELEV (FT)	CALL SIGN	WMO NUMBER
12826	HOMESTEAD AFB FLORIDA	N 25 29	W080 23	7	HST	

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FIELD (FT)	HT. BARO.	
1	Homestead AAF Florida	AAF	Feb 43	Sep 44	N 25 29	W 080 23	7	9 ft	24
2	Same	Same	May 45	Nov 45	Same	Same	Same	Same	24
3	Homestead AFB Florida	AFB	Jun 56	Feb 63	Same	Same	Same	10 ft	24
4	Same	Same	Mar 63	Dec 70	Same	Same	Same	10.5 ft	24
5	Same	Same	Jan 71	May 81	Same	Same	Same	Same	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Feb 43	Located on center of S leanto of S hangar	Anemometer	None	54 ft	
2	Jun 56	Located 1800 ft SSE of weather station and 800 ft N of long rnwy.	AN/GM2-11	RO-2	17 ft	
3	Jul 57	Located 200 yards S of station, next to rnwy	Same	Same	10 ft	
4	Mar 58	Located 1800 ft SSE of weather station and 800 ft N of long rnwy.	Same	Same	17 ft	
5	Mar 61	Located 1800 ft SE of weather station, 800 ft NW of centerline of rnwy and 3000 ft from end of rnwy 05.	Same	Same	Same	

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
6	Mar 62	Located 1800 ft SE of weather station, 800 ft NW of centerline of rnwy and 4000 ft from end of rnwy 05.	Same	Same	Same	
7	Mar 63	Located 3000 ft SW of weather observation bldg onrnwy 05/23, 500 ft NW of centerline.	Same	Same	Same	
8	Oct 66	1. Rnwy 05; 500 ft NW of centerline & 1500 ft NE of end of rnwy. 2. Rnwy 23; 500 ft NW of centerline & 1500 ft SW of end of rnwy.	Same	Same	15 ft	
9	Mar 68	1. Located 800 ft NW of rnwy centerline, 3000 ft NE of rnwy 05. 2. Located 500 ft NW of rnwy centerline, 1500 ft SW of rnwy 23.	Same	Same	13 ft	
10	Mar 69	1. Same 2. Same	AN/GMQ-11/20	Same	15 ft	
11	Mar 70	1. Same 2. Same	Same	RO-362	Same	
12	Feb 72	1. 500 ft NW of rnwy, centerline, 800 ft down rnwy 05. 2. 500 ft NW of rnwy centerline, 1200 ft down rnwy 23.	T755	RO-362	13 ft	(1) Wind transmitters are 13 feet above surface of runway. (2) Nomenclature for system is AN/GMQ -20.

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

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WEATHER CONDITIONS

1-20 STATION NAME 69-70, 73-80 YEARS JAN MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-02	.1	2.3				2.3	5.0	1.7			7.2	930
	03-05		2.7				2.7	9.9	2.9			11.7	937
	06-08		4.0				4.0	17.2	11.5			24.2	938
	09-11	.2	4.1				4.0	9.2	16.9			25.6	939
	12-14	.4	3.3				3.3	1.9	3.8			1.2	937
	15-17	.1	3.1				3.1	1.9	4.6			6.1	930
	18-20	.3	2.5				2.5	1.1	3.2			4.1	930
	21-23	.1	2.5				2.5	1.6	2.7			4.2	930
TOTALS		.2	3.1				3.1	6.1	6.5			11.3	7440

1
2REGAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

STATION WHESTEAD AFB FL STATION NAME WHESTEAD AFB FL YEARS 65-70 MONTH 7PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
65-7	00-23	.2	4.5				4.7	3.2	3.7			6.9	346
7-13	00-23		3.2				3.2	10.0	4.4			13.6	346
14-20	00-23	.2	4.5				4.7	20.0	16.5			36.7	346
21-27	00-23	.1	5.2				5.3	7.4	21.2		.4	27.0	346
28-31	00-23	.2	5.1				5.3	2.7	7.2		.6	10.5	346
66-1	00-23	.2	5.6				5.8	3.3	3.4		.1	6.7	346
2-8	00-23	.4	5.6				5.6	4.1	3.4			7.4	346
9-15	00-23		4.6				4.6	3.8	2.6			6.3	346
16-22	00-23												
23-29	00-23												
30-31	00-23												
TOTALS		.2	4.5				4.5	7.1	7.8		.1	13.6	6758

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

WEATHER CONDITIONS

1-26 STATION HOMESTEAD AFB FL 69-7, 73-87 YEARS MA MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02		2.4				2.4	4.7	3.2			8.1	937
	03-05	.1	2.6				2.6	9.1	5.4			12.6	937
	06-08	.3	1.7				1.7	14.0	14.6			22.3	937
	09-11	.2	2.0				2.0	3.0	14.5			16.1	937
	12-14	.1	2.4				2.4	1.0	7.2		.1	8.5	937
	15-17	.1	1.8				1.0	1.0	4.2		.2	5.1	937
	18-20	.2	2.0				2.0	1.6	3.5			2.2	937
	21-23	.2	1.5				1.0	1.6	2.8			4.4	937
TOTALS		.2	2.1				2.1	4.6	7.0		.0	10.3	7440

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/MAC

WEATHER CONDITIONS

1 24 STATION HOMESTEAD AFB FL STATION NAME 69-72,73-80 YEARS AP- MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02	.2	1.7				1.7	2.2	3.1			4.9	900
	03-05	.3	2.2				2.2	3.6	4.7			6.0	900
	06-08	.3	2.6				2.6	10.3	17.3			23.6	900
	09-11	.3	2.6				2.6	1.8	14.0			14.3	900
	12-14	.9	3.9				3.9	.3	8.2			8.6	900
	15-17	1.6	3.7				3.7	1.0	5.7			6.6	900
	18-20	.9	2.7				2.7	1.2	4.1			5.1	900
	21-23	.4	2.2				2.2	1.1	1.9			3.0	900
TOTALS		.6	2.7				2.7	2.7	7.4			9.4	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF Weather Service/MAC

WEATHER CONDITIONS

STATION HOMESTEAD AFB FL STATION NAME 69-73-8 YEARS MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	00-02	1.7	3.8				3.8	1.3	3.3			4.2	930
	03-05	1.4	2.9				2.9	3.3	3.9			6.2	930
	06-08	1.0	4.0				4.0	7.1	14.4			13.3	930
	09-11	1.6	4.4				4.4	1.6	12.5			13.8	930
	12-14	5.8	6.8				6.8	.9	10.1			11.0	930
	15-17	5.7	7.5			.1	7.5	.6	5.4			5.9	930
	18-20	3.8	6.8				6.8	1.2	4.8			5.8	930
	21-23	2.2	4.8				4.8	1.1	3.1			4.2	930
TOTALS		2.9	5.1			.2	5.1	2.1	7.2			5.7	7440

21

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

1 320 STATION HOMESTEAD AFB FL 69-70, 73-80 YEARS JULY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JULY	00-02	1.1	4.7				4.7	.7	2.7			3.2	900
	03-05	1.0	4.2				4.2	.9	3.0			3.9	900
	06-08	1.3	4.4				4.4	1.2	7.7			8.4	900
	09-11	3.6	7.0				7.0	.1	8.7			8.8	900
	12-14	10.4	11.2				11.2	.6	7.1			7.8	900
	15-17	9.9	11.2				11.2	.1	5.3			5.4	900
	18-20	4.7	7.1				7.1	.3	4.0			4.3	900
	21-23	1.3	5.2				5.2	.4	2.7			3.1	900
TOTALS		4.2	6.9				6.9	.6	5.2			5.6	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF Weather Service/MAC

WEATHER CONDITIONS

1 26 STATION HOMESTEAD AFB FL STATION NAME 69-70,73-81 YEARS JUL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUL	00-02	3.1	3.7				3.7	.1	.9			1.0	930
	03-05	3.0	2.7				2.7	.2	1.4			1.6	930
	06-08	2.9	3.8				3.8	1.0	6.7			7.4	930
	09-11	4.0	4.8				4.8		7.2			7.0	930
	12-14	9.0	8.7				8.7		4.0			4.0	930
	15-17	8.6	7.5				7.5		2.4			2.4	930
	18-20	5.2	4.6				4.6	.1	1.7			1.8	930
	21-23	3.1	4.5				4.5		1.4			1.4	930
TOTALS		4.9	5.0				5.0	.2	3.3			3.5	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFS WEATHER SERVICE/MAC

WEATHER CONDITIONS

1973 STATION HOMESTEAD AFB FL 69-70, 73-80 YEARS AUG MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	2.4	2.6				2.6	.2	.6			.8	930
	03-05	2.3	4.5				4.5	.4	1.2			1.6	930
	06-08	2.9	5.4				5.4	2.7	4.7			6.7	930
	09-11	3.4	6.5				6.5	.4	7.2			7.3	930
	12-14	9.2	7.4				7.4	.2	5.2			5.3	930
	15-17	7.5	8.1				8.1	.3	3.4			3.8	930
	18-20	4.7	4.9				4.9		2.8			2.8	930
	21-23	3.0	3.0				3.0		1.4			1.4	930
TOTALS		4.4	5.2				5.2	.5	3.3			3.7	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF Weather Service/MAC

WEATHER CONDITIONS

1-20 STATION HOMESTEAD AFB FL 69-71, 73-80 YEARS SEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02	2.3	5.0				5.0		1.3			1.3	900
	03-05	2.1	5.1				5.1	.3	1.8			3.0	900
	06-08	2.3	5.8				5.3	2.2	4.6			5.1	900
	09-11	2.8	5.4				5.4		4.7			4.7	900
	12-14	7.3	8.0				8.0	.2	3.2			3.9	900
	15-17	8.1	9.6				9.6	.1	2.4			2.6	900
	18-20	4.9	6.9				6.9		2.6			2.6	900
	21-23	2.3	5.3				5.3	.1	2.0			2.1	900
TOTALS		4.0	6.4				6.4	.4	2.9			3.2	7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

10-26 STATION HOMESTEAD AFB FL STATION NAME 69-70,73-80 YEARS OCT MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	00-02	1.0	5.2				5.2	2.9	1.7			4.2	930
	03-05	.6	5.7				5.7	3.2	4.2			8.9	930
	06-08	.4	4.5				4.5	11.9	13.8			21.3	930
	09-11	.3	4.7				4.7	2.5	14.3			16.2	930
	12-14	.5	5.4				5.4	1.1	8.4			9.5	930
	15-17	2.3	7.0				7.0	1.2	5.4			6.2	930
	18-20	.8	7.0				7.2	1.2	4.5			5.5	930
	21-23	.5	4.5				4.5	2.0	2.5			4.3	930
TOTALS		.8	5.5				5.5	3.5	6.9			9.5	7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

10-20 STATION HOMESTEAD AFB FL 62-70, 73-80 YEARS NOV MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
NOV	00-02		2.4				2.4	4.1	2.2			5.9	900
	03-05	.2	2.4				2.4	9.9	2.8			11.8	900
	06-08	.2	3.0				3.0	16.3	13.3			25.7	900
	09-11	.2	2.0				2.0	4.2	15.6			16.4	900
	12-14	.1	3.1				3.1	.6	7.3			7.9	900
	15-17		3.1				3.1	.4	3.0			3.4	900
	18-20	.2	3.5			.1	3.5	.4	3.0			3.5	897
	21-23	.6	4.0				4.0	.6	2.9			3.5	897
TOTALS		.2	2.9			.0	2.9	4.6	6.3			10.0	7194

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

1-28 STATION HOMESTEAD AFB FL STATION NAME 68-72, 73-79 YEARS DEC MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00-22	.1	2.3				2.3	3.4	1.4			4.8	930
	03-05	.3	2.3				2.3	9.3	2.5			10.5	930
	06-08	.1	2.0				2.0	16.0	12.7			23.7	930
	09-11		1.4				1.4	5.1	15.4		.1	18.8	930
	12-14	.3	2.4				2.4	.9	5.9			6.7	930
	15-17	.6	3.5				3.5	1.1	2.8			3.5	930
	18-20	.2	1.8				1.8	1.2	3.7			4.3	928
	21-23	.1	1.6				1.6	1.8	3.8			4.9	927
TOTALS		.2	2.2				2.2	4.8	6.1		.0	9.7	7435

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF Weather Service/MAC

WEATHER CONDITIONS

1-26 STATION HOMETEAD AFB FL 68-72, 73-81 YEARS ALL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.2	3.1				3.1	6.1	6.5			11.3	7440
FEB		.2	4.8				4.8	7.1	7.8		.1	13.6	6768
MAR		.2	2.1				2.1	4.6	7.1		.0	10.3	7440
APR		.6	2.7				2.7	2.7	7.4			9.4	7200
MAY		2.9	5.1			.0	5.1	2.1	7.2			8.7	7440
JUN		4.2	6.9				6.9	.6	5.2			5.6	7200
JUL		4.9	5.0				5.0	.2	3.3			3.5	7440
AUG		4.4	5.2				5.2	.5	3.3			3.7	7440
SEP		4.0	6.4				6.4	.4	2.9			3.2	7200
OCT		.8	5.5				5.5	3.5	6.9			9.5	7440
NOV		.2	2.9			.0	2.9	4.6	6.3			10.0	7194
DEC		.2	2.2				2.2	4.8	6.1		.0	9.7	7435
TOTALS		1.9	4.3			.0	4.3	3.1	5.8		.0	8.2	87637

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than $5/8$ mile.

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PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

B

- * 1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
- * 2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	".00"	equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	".0"	equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0"	equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

* Values for means and standard deviations do not include measurements from incomplete months.

- NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

Beginning thru 1945 at 0800LST
Jan 46-May 57 at 1230GMT
Jun 57-present at 1200GMT

U. S. Navy and National Weather Service (USWB)

Beginning thru Jun 52 at 0030GMT
Jul 52-May 57 at 1230GMT
Jun 57-present at 1200GMT

8

2

1

GLOBAL CLIMATOLOGY BRANCH
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AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

12326 HOMESTEAD AFB FL
STATION NAME

43-45, 56-80
YEARS

PRE. F.	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS (INCHES)		
	NONE	TRACE	01-04	05-14	15-24	25-34	35-44	45-54	55-104	105-154	155-254	255-504	OVER 504	MEAN			GREATEST	LEAST	
SNOWFALL	NONE	TRACE	01-04	05-14	15-24	25-34	35-44	45-54	55-104	105-154	155-254	255-504	OVER 504						
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120						
JAN	63.7	14.2	2.3	5.7	3.4	5.2	2.3	1.7	1.4	.1				22.1	775	1.94	7.8	.11	
FEB	65.6	13.9	1.8	4.4	2.3	4.6	2.6	3.4	1.5					20.5	735	1.96	5.77	TRACE	
MAR	69.7	13.1	1.4	4.4	2.5	2.6	2.8	1.5	1.9		.1			17.2	796	2.12	11.43	.17	
APR	71.4	13.7	1.4	2.6	1.7	2.9	1.7	2.1	2.3	.1	.1			14.9	780	2.28	8.29	.09	
MAY	49.5	17.2	1.8	5.3	3.6	6.9	4.8	4.3	5.7	1.3	.5			34.2	837	7.11	23.32	.08	
JUN	34.9	14.8	2.8	7.7	4.7	8.8	8.4	7.7	7.4	2.7	.1			57.4	826	9.68	27.65	2.28	
JUL	33.1	18.0	2.4	7.8	5.3	10.6	9.8	6.0	6.3	.7				48.9	837	6.89	13.71	1.65	
AUG	31.7	16.9	3.6	9.6	6.0	11.9	8.1	6.3	6.0	.7				52.1	868	6.57	13.65	1.89	
SEP	26.2	15.3	4.6	11.3	5.7	10.1	10.7	9.6	5.1	1.2	.2			58.5	824	8.24	23.53	2.24	
OCT	43.9	14.4	3.3	5.6	5.3	8.1	6.6	6.2	5.0	1.4	.2			41.7	806	7.14	14.27	.52	
NOV	57.8	18.1	3.3	5.4	4.1	3.3	3.3	2.9	1.2	.5				24.1	780	2.39	8.54	.17	
DEC	63.6	16.1	3.0	6.3	2.6	3.2	2.8	1.0	1.2	.1				20.3	775	1.56	3.75	.15	
ANNUAL	50.2	15.5	2.6	6.3	3.9	6.5	5.3	4.4	3.7	.7	.1			33.7	9639	57.88			

USAFETAC FORM 0-15-5 (OL A)
OCT 75

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U.S. AIR FORCE
FEDERAL CLIMATOLOGY DIVISION
WASH. D.C.
ATTN: DATA SERVICE/MAIL

EXTREME VALUES

PRECIPITATION

(FROM DAILY OBSERVATIONS)

1-100 STATION WINDSTEAD AFB FL STATION NAME

43-45, 56-2 YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
43		.45	.63	.10	1.96	4.17	3.61	2.13	1.21	4.31	1.22	.19	
44	.62	.13	.10	.14	1.34	1.51	2.15	.62	1.32				
45					.63	1.24		1.00	2.17				
56						1.77	2.54	1.54	2.86	1.64	.44	.45	
57	.33	2.40	.44	1.76	.81	4.39	2.19	3.00	1.87	1.70	.67	2.73	4.39
58	2.11	.79	1.74	.23	1.30	1.74	1.82	.52	.97	2.21	.66	1.00	3.25
59	.17	.31	1.51	.33	2.42	3.23	1.91	2.12	2.76	4.23	2.64	.71	4.27
60	.02	.41	.32	1.62	6.15	1.61	1.66	1.64	2.60	3.51	.72	.33	5.68
61	4.44	.25	.59	.22	3.07	2.33	.63	.72	.35	2.28	.35	.12	4.44
62	.53	.95	7.23	.67	1.42	4.22	1.42	1.29	1.52	.15	1.92	.73	7.33
63	.39	2.28	.32	.26	2.89	3.72	.87	1.03	3.32	1.87	.60	1.91	3.72
64	.11	.91	.24	1.28	.55	2.66	2.22	2.57	1.49	2.15	1.01	1.60	3.68
65	.20	.98	.43	.31	.03	3.16	1.23	.63	3.33	3.74	.75	.09	3.77
66	1.12	.62	1.22	1.52	1.01	3.31	1.72	1.25	1.00	2.87	.84	.33	3.31
67	.92	.62	1.27	.74	.55	3.30	1.75	1.14	2.02	6.21	.87	.85	6.21
68	.87	.75	.32	1.38	6.24	2.73	.97	1.31	4.25	5.05	.62	.17	6.24
69	1.17	1.35	2.13	2.13	2.73	3.16	1.55	1.41	2.53	3.32	.42	.07	3.12
70	.92	.81	1.43	.13	2.11	6.03	1.40	1.54	.81	1.59	.00	.14	6.03
71	.39	.84	.19	.03	1.23	1.37	1.68	1.45	1.83	1.47	2.31	1.44	1.37
72	.33	1.32	1.22	2.33	2.74	2.33	2.21	1.77	1.65	1.43	1.50	.74	2.74
73	1.23	.70	.89	.13	1.53	1.44	1.20	1.40	.95	.95	.29	2.20	1.44
74	1.24	1.60	.92	1.11	1.23	1.25	3.11	.64	1.84	.72	4.30	.13	4.30
75	.49	1.32	.10	.14	2.55	2.92	2.70	1.82	.93	.49	.33	1.63	2.92
76	.24	1.23	.16	1.92	4.12	2.18	1.90	3.65	2.13	1.26	1.89	.38	4.12
77	.63	1.10	1.03	.44	5.13	1.92	2.22	2.64	2.41	2.13	2.16	.43	5.13
78	1.41	1.93	1.62	1.22	2.71	3.51	.37	2.38	.82	1.97	.95	1.17	3.51
79	.24	.54	.24	5.30	2.77	1.16	1.92	1.47	4.52	.91	.41	2.41	5.30
80	2.34	.67	1.17	1.43	.93	2.95	1.47	1.36	2.95	2.09	3.26		
MEAN	.627	.727	1.17	1.17	2.563	2.708	1.867	1.705	2.451	2.316	1.253	.804	4.568
S. D.	.942	.632	1.45	1.243	2.333	1.194	.726	.357	2.317	1.404	1.122	.824	1.928
TOTAL OBS.	715	725	736	737	637	626	637	668	824	516	735	775	9453

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)
JUL 64

JOINT CLIMATOLOGY BRANCH
 AFM/TAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

1.000 STATION NAME 43-45, 50-8 YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
43		.57	1.57	.12	4.45	7.98	12.88	11.42	7.09	12.57	3.42	.40	
44	1.96	.13	.25	.15	2.53	2.76	11.58	1.51	4.65				
45					.92	3.40		1.47	4.58				
46						2.28	3.81	2.72	3.24	5.49	.52	.61	
47	.39	5.77	.35	2.58	2.55	5.79	5.25	11.45	4.63	5.51	.45	7.05	55.45
48	6.50	1.4	5.21	.53	15.64	5.35	7.75	2.20	2.97	6.19	2.61	3.27	61.97
49	.53	.85	4.67	.38	11.69	12.65	17.75	4.51	4.24	13.12	1.54	1.31	77.38
50	.11	1.16	.49	7.28	12.48	7.34	6.19	2.48	23.53	14.2	1.77	.23	13.69
51	7.05	.54	1.71	.85	9.51	5.37	1.55	1.85	2.24	3.46	.61	.15	34.28
52	1.43	1.21	11.43	1.48	2.35	13.36	6.22	4.54	4.11	.52	4.46	.42	55.94
53	.75	4.83	.43	.42	5.97	11.7	2.91	7.60	11.44	5.36	1.52	2.46	56.13
54	.33	1.95	.51	5.59	1.83	9.30	7.55	5.11	1.27	5.12	1.69	5.11	54.48
55	.44	2.57	.67	.33	.03	7.34	3.64	7.33	14.14	14.27	1.89	.19	47.64
56	4.11	1.23	4.49	2.36	6.24	19.24	6.25	5.19	7.01	7.35	1.44	1.73	65.53
57	1.91	1.34	2.77	.14	1.29	17.15	5.37	5.79	6.57	11.69	1.16	1.09	45.47
58	1.77	2.39	.2	1.72	23.32	18.86	3.89	7.45	12.41	13.27	1.53	.71	47.57
59	3.99	1.87	3.28	4.46	7.72	20.65	6.65	5.71	12.13	12.00	.90	1.19	45.94
60	2.27	1.75	2.35	.23	5.70	13.11	5.17	4.58	5.46	7.75	.37	.3	51.60
61	.47	1.98	.17	.05	3.91	7.11	7.02	6.54	8.64	5.31	4.60	3.46	49.23
62	.75	1.93	4.35	5.35	7.83	7.32	8.73	6.53	7.40	5.51	3.19	1.51	61.01
63	1.64	2.74	1.52	.33	3.35	6.15	7.1	10.79	5.7	3.5	.65	2.73	45.22
64	1.54	TRACED	.49	2.94	7.12	6.11	13.71	2.78	5.66	2.71	5.11	.27	47.74
65	.52	2.22	.17	.16	5.98	10.13	10.93	6.24	5.12	2.99	.77	1.57	47.14
66	.47	3.93	.27	2.89	12.30	7.58	5.77	11.75	9.65	2.47	2.82	1.31	61.11
67	1.48	1.54	1.73	1.13	13.26	5.97	6.43	8.65	8.90	2.49	2.74	1.14	55.53
68	3.99	5.51	2.31	2.91	6.98	9.18	4.36	4.63	3.33	2.27	1.89	3.21	61.57
69	1.14	1.00	.37	2.29	7.48	3.96	4.59	4.54	10.91	3.83	.99	2.74	49.54
70	2.93	1.45	1.79	2.71	3.15	14.57	7.45	6.35	9.91	6.62	7.19		
71													
72													
73													
74													
75													
76													
77													
78													
79													
80													
MEAN	1.744	1.955	2.121	2.279	7.116	9.675	6.892	6.571	6.244	7.140	2.393	1.563	55.949
S.D.	1.685	1.472	2.502	2.533	5.258	4.962	2.982	3.331	4.267	4.227	2.79	1.267	13.217
TOTAL OBS.	77	735	776	773	837	826	837	860	824	86	76	775	6639

NOT * BASED ON LESS THAN FULL MONTHS

2 GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

12826 HOMESTEAD AFB FL 43-45, 56-80
STATION STATION NAME YEARS

PRECIP	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000	PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS.	MONTHLY AMOUNTS (INCHES)		
																MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-04	05-14	15-24	25-34	35-44	45-64	65-104	105-154	155-254	255-504	OVER 504					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	100.0														744	.0	.0	.0
FEB	100.0														678	.0	.0	.0
MAR	100.0														744	.0	.0	.0
APR	100.0														720	.0	.0	.0
MAY	100.0														744	.0	.0	.0
JUN	100.0														746	.0	.0	.0
JUL	100.0														775	.0	.0	.0
AUG	100.0														775	.0	.0	.0
SEP	100.0														750	.0	.0	.0
OCT	100.0														775	.0	.0	.0
NOV	100.0														750	.0	.0	.0
DEC	100.0														744	.0	.0	.0
ANNUAL	100.0														8945	.0		

GENERAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

STATION 12000 HOMESTEAD AFB FL
STATION NAME

43-45, 56-80
YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
43													
44													
45													
56													
57	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MEAN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
TOTAL OBS	744	678	744	720	744	746	775	775	750	775	750	744	8945

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)
JUL 64

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

11528 STATION HOMESTEAD AFB FL STATION NAME 43-45, 56-80 YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
43													
44													
45													
56						*	.0	.0	.0	.0	.0	.0	
57	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
58	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
59	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
60	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
61	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
62	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
63	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
64	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
65	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
66	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
67	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
68	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
69	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
70	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
71	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
72	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
73	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
74	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
75	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
76	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
77	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
78	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
79	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
80	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
MEAN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
S.D.	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
TOTAL OBS	744	678	744	720	744	746	775	775	750	775	750	744	8945

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88.5 (OLA)
JUL 80

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

10020
STATIONHOMESTEAD AFB FL
STATION NAME

43-45, 56-80

YEARS

AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP	NONE	TRACE	01	02-05	06-10	11-25	26-50	51-100	101-250	251-500	501-1000	1001-2000	OVER 2000			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-04	05-14	15-24	25-34	35-44	45-64	65-104	105-154	155-254	255-504	OVER 504					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	100.0														744			
FEB	100.0														678			
MAR	100.0														744			
APR	100.0														720			
MAY	100.0														744			
JUN	100.0														746			
JUL	100.0														775			
AUG	100.0														775			
SEP	100.0														750			
OCT	100.0														775			
NOV	100.0														750			
DEC	100.0														744			
ANNUAL	100.0														8945			

USAFETAC

FORM 0 15-5 (OL A)
OCT 75

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

U.S. AIR FORCE
 U.S. AIR FORCE CLIMATE DIVISION
 WASHINGTON, D.C.
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

1-20-55 STATION NAME: REMSTEAD AFB, FL 43-45, 56-8 YEARS

DAILY SNOW DEPTH IN INCHES

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
43													
44													
45													
46													
47													
48													
49													
50													
51													
52													
53													
54													
55													
56													
57													
58													
59													
60													
61													
62													
63													
64													
65													
66													
67													
68													
69													
70													
71													
72													
73													
74													
75													
76													
77													
78													
79													
80													
MEAN													
S.D.													
TOTAL OBS.	778	739	796	790	837	836	837	868	837	837	785	775	9698

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)
 JUL 64

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

Values for means and standard deviations do not include measurements from incomplete months.

U.S. AIR FORCE
 14th AF
 14th AF
 14th AF

EXTREME VALUES

SURFACE WIND

(FROM DAILY OBSERVATIONS)

14th AF
 STATION NAME

50-10
 YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
50	31W	35W	37E	28SSW	29NW	27SW	27ENE	31E	39E	27ENE	34NW	34	34
51	39SW	35SW	44NW	38SW	50SW	26E	27NW	33E	29E	29ESE	24NW	29	34
52	31W	27E	38SW	32E	33SSW	33ENE	23NW	30E	24SW	37E	26NW	23	34
53	27W	35NW	37ENE	28W	33N	35SSW	24KE	25ESE	76WSW	24SW	25WNW	32	34
54	31W	32NW	27SSW	36N	37E	35SE	28ESE	24SSW	25E	27NE	24ESE	27	34
55	32W	25E	41ENE	26N	40SSW	49SE	30W	39E	41WSW	27N	28NW	31	34
56	32W	36W	34E	32ESE	26SW	26SE	29ESE	26SSW	32NE	27SSW	25ENE	26	34
57	31W	39NW	39NW	29SW	31W	25SW	27E	30N	44NE	42E	46ENE	36ENE	34
58	32SE	28SW	32E	36NW	41WNW	42SSW	29SSW	29SE	26ENE	12N	32E	37SSW	35
59	31W	33S	34ENE	31SW	34NW	33SE	45SW	27NW	31NW	28NE	67E	33NW	26
60	31W	31SSW	34E	32ENE	34ENE	36WSW	46ENE	27NW	37ESE	27ENE	29NE	30NW	34
61	31W	31SSW	34E	32ENE	34ENE	36WSW	46ENE	27NW	37ESE	27ENE	29NE	30NW	34
62	31W	31SSW	34E	32ENE	34ENE	36WSW	46ENE	27NW	37ESE	27ENE	29NE	30NW	34
63	31W	31SSW	34E	32ENE	34ENE	36WSW	46ENE	27NW	37ESE	27ENE	29NE	30NW	34
64	31W	31SSW	34E	32ENE	34ENE	36WSW	46ENE	27NW	37ESE	27ENE	29NE	30NW	34
65	31W	31SSW	34E	32ENE	34ENE	36WSW	46ENE	27NW	37ESE	27ENE	29NE	30NW	34
66	31W	31SSW	34E	32ENE	34ENE	36WSW	46ENE	27NW	37ESE	27ENE	29NE	30NW	34
67	31W	31SSW	34E	32ENE	34ENE	36WSW	46ENE	27NW	37ESE	27ENE	29NE	30NW	34
68	31W	31SSW	34E	32ENE	34ENE	36WSW	46ENE	27NW	37ESE	27ENE	29NE	30NW	34
69	31W	31SSW	34E	32ENE	34ENE	36WSW	46ENE	27NW	37ESE	27ENE	29NE	30NW	34
70	31W	31SSW	34E	32ENE	34ENE	36WSW	46ENE	27NW	37ESE	27ENE	29NE	30NW	34
71	31W	31SSW	34E	32ENE	34ENE	36WSW	46ENE	27NW	37ESE	27ENE	29NE	30NW	34
72	31W	31SSW	34E	32ENE	34ENE	36WSW	46ENE	27NW	37ESE	27ENE	29NE	30NW	34
73	31W	31SSW	34E	32ENE	34ENE	36WSW	46ENE	27NW	37ESE	27ENE	29NE	30NW	34
74	31W	31SSW	34E	32ENE	34ENE	36WSW	46ENE	27NW	37ESE	27ENE	29NE	30NW	34
75	31W	31SSW	34E	32ENE	34ENE	36WSW	46ENE	27NW	37ESE	27ENE	29NE	30NW	34
76	31W	31SSW	34E	32ENE	34ENE	36WSW	46ENE	27NW	37ESE	27ENE	29NE	30NW	34
77	31W	31SSW	34E	32ENE	34ENE	36WSW	46ENE	27NW	37ESE	27ENE	29NE	30NW	34
78	31W	31SSW	34E	32ENE	34ENE	36WSW	46ENE	27NW	37ESE	27ENE	29NE	30NW	34
79	31W	31SSW	34E	32ENE	34ENE	36WSW	46ENE	27NW	37ESE	27ENE	29NE	30NW	34
80	31W	31SSW	34E	32ENE	34ENE	36WSW	46ENE	27NW	37ESE	27ENE	29NE	30NW	34
81	31W	31SSW	34E	32ENE	34ENE	36WSW	46ENE	27NW	37ESE	27ENE	29NE	30NW	34
82	31W	31SSW	34E	32ENE	34ENE	36WSW	46ENE	27NW	37ESE	27ENE	29NE	30NW	34
83	31W	31SSW	34E	32ENE	34ENE	36WSW	46ENE	27NW	37ESE	27ENE	29NE	30NW	34
84	31W	31SSW	34E	32ENE	34ENE	36WSW	46ENE	27NW	37ESE	27ENE	29NE	30NW	34
85	31W	31SSW	34E	32ENE	34ENE	36WSW	46ENE	27NW	37ESE	27ENE	29NE	30NW	34
86	31W	31SSW	34E	32ENE	34ENE	36WSW	46ENE	27NW	37ESE	27ENE	29NE	30NW	34
87	31W	31SSW	34E	32ENE	34ENE	36WSW	46ENE	27NW	37ESE	27ENE	29NE	30NW	34
88	31W	31SSW	34E	32ENE	34ENE	36WSW	46ENE	27NW	37ESE	27ENE	29NE	30NW	34
89	31W	31SSW	34E	32ENE	34ENE	36WSW	46ENE	27NW	37ESE	27ENE	29NE	30NW	34
90	31W	31SSW	34E	32ENE	34ENE	36WSW	46ENE	27NW	37ESE	27ENE	29NE	30NW	34
91	31W	31SSW	34E	32ENE	34ENE	36WSW	46ENE	27NW	37ESE	27ENE	29NE	30NW	34
92	31W	31SSW	34E	32ENE	34ENE	36WSW	46ENE	27NW	37ESE	27ENE	29NE	30NW	34
93	31W	31SSW	34E	32ENE	34ENE	36WSW	46ENE	27NW	37ESE	27ENE	29NE	30NW	34
94	31W	31SSW	34E	32ENE	34ENE	36WSW	46ENE	27NW	37ESE	27ENE	29NE	30NW	34
95	31W	31SSW	34E	32ENE	34ENE	36WSW	46ENE	27NW	37ESE	27ENE	29NE	30NW	34
96	31W	31SSW	34E	32ENE	34ENE	36WSW	46ENE	27NW	37ESE	27ENE	29NE	30NW	34
97	31W	31SSW	34E	32ENE	34ENE	36WSW	46ENE	27NW	37ESE	27ENE	29NE	30NW	34
98	31W	31SSW	34E	32ENE	34ENE	36WSW	46ENE	27NW	37ESE	27ENE	29NE	30NW	34
99	31W	31SSW	34E	32ENE	34ENE	36WSW	46ENE	27NW	37ESE	27ENE	29NE	30NW	34
100	31W	31SSW	34E	32ENE	34ENE	36WSW	46ENE	27NW	37ESE	27ENE	29NE	30NW	34
MEAN	31.6	32.6	34.1	32.5	32.9	32.4	31.7	29.6	28.1	32.7	29.7	29.6	47.4
S.D.	1.034	1.007	1.030	1.022	1.069	1.025	1.027	1.059	1.055	1.032	1.099	1.059	11.147
TOTAL OBS.	691	659	734	690	730	715	739	753	728	761	730	737	6672

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

1 (BASED ON LESS THAN FULL MONTHS AND +10% KNOTS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 10-20 HOMESTEAD AFB FL STATION NAME 69-70, 73-5 YEARS JAN MONTH
CLASS ALL WEATHER HOURS (L.S.T.) 000-2300
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	5.7	2.1	1.3								14.5	6.2
NNE	.0	.3	.2									1.5	1.9
NE	.1	.3	.3									.8	6.1
ENE	.9	1.3	1.8	.9								4.8	7.2
E	2.2	4.7	4.4	.2								11.5	5.9
ESE	.3	4.4	2.4	.3								7.8	5.8
SE	.3	1.0	1.7	.2								4.7	6.1
SSE	1.2	1.2	.9	.3								3.5	5.5
S	.0	.6	.6	.2								2.2	5.9
SSW	.4	.6	.5	.1								1.7	6.2
SW	.4				.1							.5	7.6
WSW	.4	.3	.1									.9	3.4
W	1.0	.6	.1									1.7	3.6
WNW	.3	1.8	.3									2.9	4.6
NW	1.1	1.7	.4	.1								3.3	4.7
NNW	1.3	3.4	2.2	1.1	.5							9.4	6.9
VARBL													
CALM												28.2	
	10.5	29.9	21.1	4.7	.6							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 530

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1000 STATION HOMESTEAD AFB FL 69-70, 77-80 YEARS JAN MONTH
CLASS ALL WEATHER HOURS (L.S.T.) 0000-0600
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.6	6.5	5.1	2.2								18.3	4.1
NNE	.2	.6										1.4	3.6
NE	.2	.3	.3									.9	3.3
ENE	1.0	1.7	1.5	.3								4.7	6.3
E	1.7	3.5	2.7	.2								7.7	5.9
ESE	1.7	3.7	1.7	.2	.1							7.4	5.7
SE	1.1	2.3	1.2	.3								5.4	5.5
SSE	.2	1.2	1.1	.4								2.9	6.8
S	1.7	1.3	1.1	.1								3.4	5.6
SSW	.2	.6	.3	.2								1.4	6.8
SW	.3		.1									.4	3.5
WSW	.2	.2	.2									.6	3.3
W	.5			.1								.6	3.7
WNW	1.0	1.4	.3									2.7	4.2
NW	1.5	1.3	.3	.1								3.2	4.2
NNW	2.9	4.1	3.7	1.4								12.6	6.2
VARBL													
CALM												26.8	
	14.5	29.5	19.6	5.6	.1							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 927

USAFETAC
 CLIMATE
 WEATHER SERVICE

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION NAME: HOMESTEAD AFB FL YEARS: 60-70, 71-72 MONTH: JAN
 CLASS: ALL WEATHER HOURS (L.S.T.): 1400-1900
 CONDITION: _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	3.5	7.6	1.3								12.1	5.9
NNE	1.3	1.1	.2									2.6	3.3
NE	.2	.2	.3									1.3	4.2
ENE	1.1	1.4	1.1	.2								3.7	5.9
E	.9	3.4	2.4									6.7	5.7
ESE	.6	3.1	2.6	.3								6.6	6.5
SE	1.6	1.3	2.3	.2								5.2	5.9
SSE	.6	1.3	1.1	.2								3.8	6.1
S	.4	.2	.5	.3								2.4	5.9
SSW	.4	.3	.4	.4								3.0	5.7
SW	.4	.2	.1	.1								.9	5.3
WSW	.1	.4	.1									.6	5.0
W	.3	.1	.1	.1								.6	5.5
WNW	.3	.5	.2	.1	.1							1.3	7.1
NW	.3	1.5	.2									2.9	5.2
NNW	1.5	3.2	3.0	1.0	.1							10.3	6.1
VARBL													
CALM												76.5	
	17.5	28.4	22.7	4.3	.2							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 10-20 HOMESTEAD AFB FL STATION NAME 60-70.73-20 YEARS 900-11 MONTH 900-11
CLASS ALL WEATHER HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	6.1	1.5	5.8								34.2	5.2
NNE	2.2	2.2	2.2	.2								5.7	2.5
NE	.5	1.5	.3	.5								3.0	6.1
ENE	.5	.9	1.1	.9								3.4	7.7
E	.5	3.7	6.3	2.8								12.7	3.6
ESE	.3	1.6	4.2	1.5	.1							7.7	3.6
SE	.2	1.4	2.9	2.4	.2							7.2	9.3
SSE	.5	1.1	3.2	.9								5.7	3.4
S	.9	1.2	1.5	1.3	.1							4.5	7.9
SSW	.3	1.1	.9	1.3	.1							3.7	9.3
SW	.2	.3	.9	.1	.1							1.6	7.6
WSW	.2	.4		.8	.1							1.6	9.1
W	.1	.2	.4	.1								1.2	6.8
WNW	.1		.8	.3	.1							1.3	9.7
NW		.2	.4	.3								1.3	7.5
NNW	1.2	2.2	2.7	2.0	.3							8.4	2.0
VARBL													
CALM												5.5	
	12.0	23.4	38.7	21.2	1.2							100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 930

SECTAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1000 HOMESTEAD AFB FL STATION NAME 60-70.73-21 YEARS JAN
MONTH 12.0-14.0
CLASS ALL WEATHER
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.0	4.0	3.8								10.2	7.5
NNE	.6	1.0	1.3	.8								3.7	7.9
NE	.2	.8	1.5	1.0	.4							3.4	10.1
ENE	.4	1.3	3.7	3.8	.7							9.4	9.4
E	.7	3.4	7.5	5.6	.1							16.9	9.3
ESE	.4	1.4	5.1	3.2								10.1	9.2
SE	.5	.5	3.9	1.8	.3							7.1	9.4
SSE	.5	.6	3.7	1.9	.1							6.9	9.4
S	.2	.9	2.6	2.0	.7							5.9	9.9
SSW	.3	.6	1.4	1.8	.1							4.3	10.2
SW		.6	1.1	1.1	.3							3.1	10.4
WSW		.7	.5	.5	.1							1.5	10.2
W	.4	.6	.6	.5	.2							2.5	9.5
WNW	.2	.3	.8	1.0	.3							2.6	11.2
NW	.1	.4	1.4	.9								2.8	6.2
NNW	.4	1.3	3.5	2.0	.1							8.0	9.9
VARBL													
CALM												1.4	
	5.4	15.6	43.3	31.7	2.6							100.2	9.3

TOTAL NUMBER OF OBSERVATIONS 932

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1420 STATION NAME HOMESTEAD AFB FL 67-70.77-20 YEARS JAN MONTH 1960-1960 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.5	4.5	2.9								7.2	3.2
NNE	.4	.4	.6	.2								1.7	0.8
NE	.1	.5	1.4	3.7	.7							6.4	11.2
ENE	.7	1.3	5.2	2.8								9.6	9.2
E	1.3	4.5	12.3	2.7								26.8	8.1
ESE	.8	4.7	4.6	.3	.1							10.1	7.2
SE	.2	1.4	3.9	1.2								7.2	7.5
SSE	.5	.5	2.8	1.2								5.1	8.5
S	.6	.3	2.7	1.5								5.6	8.6
SSW	.3	1.4	1.4	1.1								4.2	8.2
SW		.6	1.6	.5	.3							3.1	10.1
WSW		.1	.0	.9		.1						1.9	11.2
W		.4	1.4	1.5	.1	.2						3.7	11.2
WNW	.1	.3	.6	.6	.2							1.9	10.7
NW	.3	1.5	1.1	.9								3.8	7.8
NNW	.1	1.6	2.3	2.2								6.1	5.9
VARBL													
CALM												.6	
	6.0	21.3	47.2	23.4	1.1	.3						100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 931

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

10020 STATION HOMESTEAD AFB FL 62-70.77-20 YEARS JAN. MONTH 1900-2000 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	5.4	3.3	1.2								11.4	6.6
NNE	.3	1.7	1.2	.2								3.4	6.6
NE	.9	.9	1.5	.8								4.0	7.1
ENE	0.9	3.9	3.0	.8								10.6	6.0
E	5.9	5.9	4.3	.2								16.3	4.9
ESE	3.2	2.9	.9	.1								7.1	4.0
SE	2.2	2.7	.1	.1								4.3	3.9
SSE	2.4	1.1	.4	.3								4.2	4.3
S	1.5	1.4	1.0	.2								4.1	5.1
SSW	1.1	1.1	.2									2.4	3.8
SW	.2	1.1	.3	.1								1.7	6.1
WSW	1.5	.5	.4									2.5	3.7
W	1.2	1.9	1.4	.3								4.8	3.2
WNW	.4	.5	1.3	.2	.1							2.6	7.5
NW	.6	.9	.8	.4								2.7	6.4
NNW	.3	2.6	1.4	.4								5.2	5.9
VARBL													
CALM												12.6	
	26.5	33.8	21.5	5.4	.1							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1226 STATION HOMESTEAD AFB FL STATION NAME 69-70.73-81 YEARS JAN MONTH
ALL WEATHER CLASS 2120-2300 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	4.2	4.7	1.3								1.65	6.2
NNE	.8	1.4	.4	.1								.7	4.7
NE	.5	.9	.3	.2								.5	2.7
ENE	2.2	1.4	2.2	1.2								1.3	6.4
E	3.5	5.6	6.7	.5								15.9	2.8
ESE	1.5	2.1	1.7	.4								4.5	5.3
SE	.9	1.2	1.5									4.2	5.4
SSE	.5	.5	.4									1.2	4.9
S	.9	.5	.9	.3								2.7	2.5
SSW	.4	.2	.3	.1								1.1	5.2
SW	.5		.1									.9	3.2
WSW	.6	1.3										1.9	3.9
W	1.9	1.3	1.5									4.6	4.2
WNW	.9	.6	.8	.1								2.4	5.3
NW	.3	1.3	1.2	.2	.2							3.2	7.2
NNW	1.4	2.6	1.9	.9	.3							7.2	6.8
VARBL													
CALM												25.8	
	18.8	26.9	22.6	5.4	.5							124.5	4.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1-20 STATION NAME YEARS MONTH
HOMESTEAD AFB FL 69-70, 73-80 JAN
ALL WEATHER CLASS ALL
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	4.0	5.7	2.5								15.4	7.1
NNE	.9	1.1	.8	.2								3.0	5.7
NE	.4	.6	.8	.7	.1							2.6	5.1
ENE	1.2	1.7	2.4	1.3	.7							6.7	7.5
E	2.7	4.3	5.7	1.5	.7							13.6	7.0
ESE	1.2	2.9	2.8	.8	.7							7.7	6.7
SE	1.2	1.7	2.2	.8	.1							5.7	7.2
SSE	.2	1.7	1.7	.7	.7							4.2	7.2
S	.5	.2	1.4	.8	.7							3.5	7.3
SSW	.4	.8	.7	.6	.7							2.6	7.7
SW	.3	.4	.5	.2	.1							1.5	5.1
WSW	.4	.5	.3	.3	.7	.2						1.5	6.7
W	.7	.7	.6	.3	.7	.7						2.4	6.6
WNW	.5	.7	.6	.3	.1							2.2	7.3
NW	.6	1.1	.8	.4	.7							2.9	6.4
NNW	1.4	2.8	2.6	1.4	.2							8.3	7.1
VARBL													
CALM												15.9	
	14.8	26.1	29.6	12.7	.8	.2						100.0	6.2

TOTAL NUMBER OF OBSERVATIONS 7442

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 10020 HOMESTEAD AFB FL STATION NAME 60-70.73-80 YEARS FEB
MONTH 0000-0000
HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	2.6	6.3	5.6	1.8								10.2	4.5
NNE	.5	.2	.6									1.7	5.3
NE	.4		.4	.1								.8	6.7
ENE	1.1	.5	.9	.6								3.1	6.6
E	.2	2.7	2.5	.6								6.6	6.6
ESE	1.4	1.9	1.9	.2								5.4	5.7
SE	.7	1.3	1.3	.4								4.1	6.7
SSE	.5	1.2	.5	.1								2.2	5.7
S	1.2	1.8	.1	.4								3.4	4.9
SSW	1.3	.2	.1									1.7	2.6
SW	.6	.6										1.2	3.2
WSW	.6	.5	.5		.1							1.7	6.4
W	1.4	1.3	.3									3.5	4.5
WNW	2.0	1.4	.7	.2								4.4	4.6
NW	1.7	1.9	1.9	.2								5.7	5.6
NNW	2.4	3.9	3.8	.4								10.4	5.8
VARBL													
CALM												27.7	
	19.0	26.2	22.0	5.0	.1							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 646

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

10026 STATION HOMESTEAD AFB FL STATION NAME 69-70, 73-80 YEARS
ALL WEATHER CLASS
CONDITIOIN
FEB MONTH
0300-0500 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.6	7.4	6.5	2.2	.1							22.9	6.4
NNE	.5	.4	.2									1.1	4.3
NE	.8	.1	.2	.4								1.5	2.5
ENE	.5	.2	.8	.5								2.0	7.9
E	1.1	1.8	1.7	.5								5.0	6.4
ESE	1.7	.9	1.5	.5								4.6	5.9
SE	1.2	1.7	1.2	.2								4.3	5.6
SSE	1.3	1.7	.9	.1								4.0	4.9
S	1.3	.9	.2	.2								2.7	4.9
SSW	.5	.6										1.1	3.1
SW	.2	.7		.4								1.3	6.5
WSW	.5	.8										1.3	5.6
W	.9	.2	.9	.4								2.5	6.3
WNW	.8	.6	.6	.1								2.1	5.5
NW	1.2	1.2	.8	.6								3.8	5.7
NNW	3.7	6.5	3.5	1.2	.1							15.0	5.9
VARBL													
CALM												26.8	
	20.7	25.8	19.3	7.2	.2							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 346

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

10420 STATION HOMESTEAD AFB FL STATION NAME 69-70.73-80 YEARS FEB MONTH
CLASS ALL WEATHER 1600-0000 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	.3	9.8	7.4	2.4	.1							25.1	6.1
NNE	.3	1.2	.4									2.9	4.2
NE	.4	.4	.5									1.2	5.9
ENE	.2	.5	.4	.5								1.7	6.2
E	.5	1.7	1.3	.2								3.7	6.6
ESE	1.1	1.4	2.1	.5								5.1	6.7
SE	.9	2.1	.5									3.5	4.6
SSE	1.1	1.7	1.2									3.9	5.3
S	.7	1.3	.7	.4								3.1	5.6
SSW	.8	.2	.6	.1								1.8	4.7
SW	.2	.5	.1									.9	4.8
WSW	.5	.7	.2									1.5	4.6
W		.2	.1									1.1	5.4
WNW	.5	1.1	.7									2.2	5.3
NW	1.5	1.4	.7	.4								4.0	5.2
NNW	3.3	5.2	3.4	.9								12.9	5.3
VARBL													
CALM												25.4	
	18.0	30.9	20.3	5.3	.1							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 546

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1-25 STATION HOMESTEAD AFB FL 60-70.73-80 YEARS FEB MONTH 1900-1900 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	7.1	1.7	4.5	.5							23.8	8.1
NNE	1.4	2.6	2.4	.4								5.7	5.9
NE	.7	.9	.5	.4								2.5	5.8
ENE	.2	.4	.7	.9	.1							2.4	9.5
E	.0	2.4	5.1	2.2								10.3	8.4
ESE	.2	1.3	2.4	1.8								5.7	8.9
SE	.6	.7	1.9	1.2								4.4	5.4
SSE	.5	.3	3.4	1.2								5.9	8.7
S	.5	.7	3.5	1.8	.2							6.7	9.5
SSW	.5	1.2	.9	.7								3.3	7.4
SW	.6	.2	.5	.4								1.7	6.5
WSW	.1	.5	.6	.8								2.0	5.6
W	.2	1.2	.9	.2	.1							2.7	7.3
WNW	.1	.6	1.2	.2								2.1	7.7
NW	.8	.5	1.7	1.3	.1							4.4	8.5
NNW	1.7	2.1	3.8	2.8	.4							10.8	8.3
VARBL													
CALM												4.7	
	10.4	23.2	39.5	20.8	1.4							100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1126 HOMESTEAD AFB FL STATION NAME 69-70.73-81 YEARS FEB MONTH
CLASS ALL WEATHER 1257-1479 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	2.1	5.3	3.0	.1							11.0	7.1
NNE	.5	1.4	2.5	.4								4.3	7.4
NE		.2	.9	1.7								3.1	10.6
ENE	.6	.9	3.3	2.2	.2							7.3	9.5
E	1.2	3.4	3.0	4.7	.1							17.5	6.5
ESE	.6	1.4	4.1	1.7								7.8	6.4
SE	.1	1.1	2.6	1.8								5.6	9.1
SSE	.2	.5	3.3	.9								4.6	9.2
S	.2	.4	3.0	2.0	.4							5.9	10.3
SSW	.2	.4	2.5	1.2	.6							4.4	11.0
SW	.1	.5	.9	1.2	.2							3.3	10.0
WSW	.1	.5	.5	1.2	.1							2.4	10.6
W	.4	.5	1.4	1.3	.1	.1						3.5	9.8
WNW	.5	.5	1.4	1.7	.5							4.5	9.9
NW	.2	.7	2.1	1.4	.1							4.6	9.3
NNW	.4	1.2	4.0	3.0								6.5	9.5
VARB													
CALM												1.3	
	3.8	16.2	45.0	29.1	2.5	.1						100.7	9.1

TOTAL NUMBER OF OBSERVATIONS 046

GEOPAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1000 HOMESTEAD AFB FL STATION NAME 69-72, 73-81 YEARS FLY MONTH 1500-1700
CLASS ALL WEATHER HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.2	2.5	2.5	.4							4.3	9.2
NNE	.1	.5	1.3	.4								1.2	8.6
NE		.5	.9	2.4	.1							3.9	11.2
ENE	.1	1.7	4.5	2.1	.2							8.6	9.2
E	.9	6.6	8.5	3.2								19.1	7.6
ESE	.5	2.9	6.3	1.7								11.2	8.0
SE	.1	1.2	4.3	.6								6.1	8.2
SSE	.1	.3	2.1	.7								3.9	8.6
S	.1	.8	3.3	1.5								3.8	8.3
SSW		.7	2.8	1.3								4.2	9.7
SW	.1	.5	.6	1.1	.5							2.7	11.1
WSW	.1	.4	.6	.9	.4							2.4	11.1
W	.2	.2	2.4	1.8	.5							5.1	10.9
WNW	.1	.7	1.5	1.4	.2							4.0	10.2
NW	.5	.7	2.7	.9								4.8	9.1
NNW	.6	1.5	3.1	1.8								7.0	8.6
VARBL													
CALM												.2	
	4.0	21.5	47.8	24.2	2.2							100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 346

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AL-WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1-226 STATION HOMESTEAD AFB FL 62-70.73-20 FEB
STATION NAME YEARS MONTH
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	4.3	3.7	.7								1.0	3.3
NNE	1.2	1.3	1.3	.8								4.3	3.3
NE	1.9	1.3	1.3	.9								3.9	6.2
ENE	3.3	3.2	1.8	.6	.1							9.0	3.3
E	4.0	3.7	3.7	.6								11.9	3.4
ESE	2.4	3.1	.9	.4								6.7	4.5
SE	1.9	1.2	1.1									4.3	4.5
SSE	1.3	1.3	1.1									4.3	4.6
S	3.7	1.7	.7									5.1	3.9
SSW	1.7	2.6	.6	.1								4.4	4.4
SW	.1	.2	.2									1.3	5.1
WSW	.5	1.1	.8	.1								2.5	5.9
W	.7	2.4	.4	1.1								8.2	7.6
WNW	.9	1.1	.9	.2								3.2	5.4
NW	.4	1.3	1.3	.2								3.7	6.2
NNW	1.1	2.7	.7	.2								4.0	5.3
VARBL													
CALM												10.0	
	25.5	34.2	24.1	6.0	.1							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1-78 STATION HOMESTEAD AFB FL 69-70, 73-75 YEARS FEB MONTH
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	0.0	5.4	1.7								14.3	6.9
NNE	.3	.4	.7									2.4	5.0
NE	.6	.5	.4	.4								1.5	5.9
ENE	1.4	1.4	1.4	1.1								5.3	6.6
E	2.6	3.7	2.4	.4								9.0	5.2
ESE	2.4	.5	1.4	.2								4.5	4.9
SE	1.1	1.4	.6	.4								3.4	5.5
SSE	1.2	1.3	.9									4.0	4.5
S	1.7	1.3	.2									3.2	3.7
SSW	.7	.2										.9	3.7
SW	1.9	.6										2.5	2.9
WSW	1.4	.7	.2									2.4	3.5
W	2.6	1.2	1.3									5.6	4.0
WNW	1.8	3.7	1.5									5.5	4.4
NW	.6	1.8	1.1	.2								3.7	5.9
NNW	1.3	2.4	1.7	.4								5.1	5.7
VARBL													
CALM												24.9	
	23.8	26.7	20.0	4.6								100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

10-26 STATION HOMESTEAD AFB FL STATION NAME 69-70.75-80 YEARS FEB
MONTH ALL
CLASS ALL
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	.2	5.7	5.9	2.3	.1							18.2	7.1
NNE	.7	1.2	1.1	.2								3.3	6.1
NE	.6	.6	.6	.8	.2							2.6	7.8
ENE	.9	1.1	1.7	1.1	.1							4.9	7.7
E	1.4	3.2	4.1	1.6	.2							12.4	7.1
ESE	1.3	1.7	2.6	.9								6.4	6.9
SE	.3	1.4	1.7	.6								4.5	6.8
SSE	.2	1.2	1.7	.4								4.2	6.6
S	1.2	1.1	1.5	.8	.1							4.5	7.1
SSW	.7	.7	.9	.4	.1							2.8	7.1
SW	.5	.6	.3	.4	.1							1.9	7.0
WSW	.5	.6	.4	.4	.1							2.0	7.2
W	.8	1.0	1.6	.6	.1	.2						4.0	7.3
WNW	.2	1.1	1.1	.5	.1							3.6	6.8
NW	.9	1.2	1.5	.7	.2							4.3	6.9
NNW	1.3	3.1	3.0	1.3	.1							9.3	6.3
VARBL													
CALM												15.1	
	15.9	25.6	29.7	12.8	.8	.2						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 6763

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1-22 HOMESTEAD AFB FL STATION NAME 69-73-80 YEARS 48 MONTH 1000-0200
CLASS ALL WEATHER HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	2.1	2.5	.1								6.2	5.7
NNE	.1	.1										.2	4.6
NE	.1	.5	.2		.1							1.1	5.7
ENE	.2	1.2	1.6	1.0	.2							4.8	6.5
E	2.8	4.2	5.1	3.0								15.1	7.2
ESE	3.4	4.2	5.3	.8								13.7	6.1
SE	1.2	1.5	3.1	.3								5.2	6.5
SSE	1.1	1.7	1.8	.5								5.2	6.4
S	1.5	.8	1.5	.2								4.1	5.6
SSW	1.5	.2	.3	.1								2.2	3.9
SW	1.1	1.2	.2									2.5	4.0
WSW	.1	.3	.2	.1								.8	6.7
W	.6	1.4	.4	.3								2.8	5.7
WNW	.6	1.1	.2									1.9	4.3
NW	1.2	1.5	1.1	.1								3.7	5.4
NNW	1.2	2.7	1.3	.4								4.9	6.0
VARBL													
CALM												24.3	
	12.3	24.7	24.8	7.0	.3							130.0	4.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

11526 STATION HOMESTEAD AFB FL 69-70, 73-80 YEARS
ALL WEATHER CLASS
CONDITION
0300-0500 MONTH HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	4.1	2.5	.5								2.9	2.7
NNE	.3	.5										1.2	4.0
NE	.1	.4	.1	.1								.8	6.4
ENE		1.5	1.4	.9	.1							3.9	6.6
E	1.7	3.7	4.0	1.5								10.1	7.4
ESE	3.1	5.1	3.5	1.2								12.9	5.9
SE	1.2	3.7	2.2	.4								7.4	6.8
SSE	1.9	2.3	1.6	.3								6.1	5.4
S	2.2	2.2	1.2	.5								6.6	5.5
SSW	1.8	.6		.2								2.7	3.7
SW	1.1	.6		.1								1.6	3.6
WSW	.2	.3										.5	2.8
W	.4	.4	.6	.1								1.6	5.9
WNW	1.2	.3	.1									1.6	2.9
NW	1.7	.6	.4	.2								2.3	4.7
NNW	1.7	3.5	1.7	.3								7.3	5.6
VARBL													
CALM												25.2	
	19.1	29.8	19.4	6.5	.1							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 930

SIGNAL CLIMATOLOGY BRANCH
USAFETAC
AFD WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1 026 STATION HOMESTEAD AFB FL STATION NAME 69-70.73-HQ YEARS 1960-1969 MONTH 0600-0800
CLASS ALL WEATHER HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	5.6	2.8	1.5								12.9	3.7
NNE	.6	.8	.2									1.6	4.3
NE	.3	.8	.2									1.3	5.7
ENE	.4	.5	1.2	1.2	.1							3.4	9.2
E	1.2	4.3	3.2	2.2								10.6	7.3
ESE	1.5	4.7	4.0	.5								10.8	6.2
SE	1.3	4.5	4.1	.2								10.1	6.0
SSE	1.3	2.2	1.3	.1								4.3	5.3
S	1.4	2.4	1.6	.8	.2							6.3	6.5
SSW	1.4	1.2		.1								2.5	3.8
SW	.4	.2	.1	.1								.9	5.5
WSW	.1	.3	.1	.1								.6	6.9
W	.8	.6	.6	.1								2.2	5.5
WNW	.5	.8	.2									1.5	4.8
NW	.3	.6	.5									1.5	5.2
NNW	1.7	1.8	2.5	.3								6.3	5.3
VARBL													
CALM												22.6	
	16.2	31.0	22.5	7.4	.3							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

10826 STATION HOMESTEAD AFB FL STATION NAME 69-70.73-20 YEARS 1980-1980 MONTH 1980-1100
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	3.2	4.0	1.6								9.7	7.6
NNE	.5	2.4	2.0	.1								5.1	5.3
NE	.2	1.2	.4	.4	.2							2.5	5.4
ENE	.1	.5	1.4	2.3	.6							4.9	11.6
E	.3	1.9	6.5	7.0	.1							15.8	10.2
ESE		1.3	6.9	4.5	.1							12.3	9.8
SE		1.2	3.9	3.7	.1							10.2	5.6
SSE	.5	1.6	3.8	2.3								5.2	8.7
S		1.2	5.2	1.8		.2						7.6	9.6
SSW	.3	1.7	1.9	1.3	.1	.1						4.7	9.2
SW	.3	.3	1.1	.6	.1							2.7	8.7
WSW	.2	.3	.2	.4	.1							1.3	9.7
W	.1	.3	1.2	.9	.2							2.6	9.8
WNW		.1	.9	.4								1.4	9.5
NW	.4	.3	1.2	.2								1.9	7.1
NNW	.2	.6	2.4	1.3								5.6	8.7
VARBL													
CALM												2.0	
	4.9	18.4	44.6	28.1	1.7	.3						100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1.520 STATION HOMESTEAD AFB FL 69-70, 77-80 YEARS MAR MONTH 1250-1400 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	.1	1.7	2.	.8	.2							4.3	8.4
NNE	.1	.6	.5									1.3	0.7
NE	.4	.5	.3	.6	.5							2.5	1.5
ENE	.5	.9	3.4	3.8	1.3							9.9	11.3
E		1.7	8.5	7.7	1.2							19.1	10.9
ESE	.2	1.9	8.1	5.5	.2							15.8	9.7
SE	.3	1.7	7.4	2.4	.1							11.9	9.0
SSE	.2	1.4	3.9	1.6								7.1	6.9
S		.9	4.3	2.3								7.4	9.6
SSW		.3	2.2	2.6	.2	.2						5.5	11.7
SW	.1	.2	.9	1.2								2.2	10.5
WSW		.1	.4	.8	.3							1.6	12.5
W	.1	.1	.9	1.1	.5							2.6	12.3
WNW		.1	1.0	.9	.2							2.2	11.8
NW		.6	1.3	.8								2.7	9.0
NNW	.1	1.0	1.6	.5								3.2	8.3
VARBL													
CALM												.2	
	2.3	13.8	46.3	32.4	4.8	.2						100.0	10.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1-021 HOMESTEAD AFB FL STATION NAME 69-70, 72-80 YEARS MAC
MONTH 1500-1700
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.4	.4	.3								1.2	9.1
NNE		.2	.3	.5								1.1	10.3
NE		.2	.6	1.2	.2							2.3	12.0
ENE	.2	1.1	3.5	4.0	.6							9.5	11.0
E	.2	4.0	10.8	7.8	.2							23.3	9.6
ESE	.1	3.3	9.7	2.3								15.4	8.6
SE	.1	1.5	6.8	1.4								9.8	8.5
SSE	.1	1.6	5.0	.9								3.6	8.2
S		1.5	4.6	.5	.1							6.8	8.4
SSW	.2	.4	3.5	1.3	.1							5.6	9.3
SW		.2	1.3	.9	.2							2.6	10.7
WSW		.1	.5	.8	.2	.1						1.7	13.0
W		.3	1.3	2.0	1.1	.1						4.8	12.7
WNW		.4	1.2	.5	.3							2.3	10.3
NW	.1	.8	1.0	.4								2.3	8.2
NNW		1.2	.9	.6								2.7	8.0
VARBL													
CALM													
	1.4	17.3	52.5	25.5	3.1	.2						100.0	9.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1225 STATION HOMESTEAD AFB FL 62-70, 73-80 YEARS
ALL WEATHER CLASS
CONDITION
MAC MONTH 1800-2000 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.1	.6									1.5	5.6
NNE	.3	.4	.6	.3	.2							1.9	5.6
NE	.3	1.1	1.7	.6	.2							4.0	5.2
ENE	.8	2.7	3.7	1.7								8.8	5.0
E	3.4	7.5	6.0	3.5								20.5	6.7
ESE	3.1	6.7	3.3	.1								13.2	5.1
SE	2.6	3.1	3.2	.2								9.0	5.5
SSE	1.3	2.2	1.3									7.8	4.1
S	3.1	3.0	1.7	.2	.1							8.2	4.9
SSW	1.4	.9	1.1									3.3	4.6
SW	.2	.6	.8	.1								1.7	6.6
WSW		.2	.6	.1								1.1	5.1
W	.4	2.4	2.5	2.0								7.3	5.2
WNW	.2	1.1	1.0	.5	.1							2.9	5.4
NW	.2	.6	.3	.2								1.4	6.2
NNW	.2	1.3	.5	.1								2.2	5.6
VARBL													
CALM												4.7	
	19.9	35.8	29.0	9.9	.6							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS 430

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 10-26 STATION NAME HOMESTEAD AFB FL YEARS 62-70, 73-80 MAC MONTH MAR
CLASS ALL WEATHER HOURS (L.S.T.) 2100-2300
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.3	1.2	.1								4.4	6.1
NNE	.3	.4	.1									.9	4.5
NE	.2	.8	.9	.3	.2							2.5	4.4
ENE	1.7	1.9	2.3	1.4	.1							6.7	7.7
E	3.3	7.5	5.6	2.8								19.2	6.7
ESE	3.5	4.9	3.7	.3								12.5	5.4
SE	1.8	3.9	1.2	.2								7.1	5.1
SSE	2.7	1.3	.8	.3								4.4	4.9
S	1.9	1.1	1.0	.2								4.2	4.9
SSW	1.1	.5	.1	.4	.1							2.3	6.0
SW	1.3	.5	.1	.1								2.0	3.8
WSW	.6	1.7	.3									1.9	4.5
W	1.1	3.2	1.1	.1								5.5	5.2
WNW	.8	2.5	1.5	.1								4.8	5.6
NW	.3	.5	.8	.2								1.8	9.9
NNW	.6	.9	.6	.1								2.3	5.4
VARBL													
CALM												17.5	
	21.3	32.3	21.7	6.8	.4							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 23

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1986 STATION HOMESTEAD AFB FL 69-79, 73-80 YEARS
CLASS ALL WEATHER
CONDITION
MONTH
ALL HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	1.1	2.4	2.1	.6	.7							6.2	6.5
NNE	.7	.7	.5	.1	.7							1.6	6.4
NE	.2	.7	.5	.4	.2							2.1	8.7
ENE	.4	1.4	2.3	2.0	.4							6.5	9.6
E	1.5	4.4	6.2	4.4	.7							16.7	8.4
ESE	1.9	4.1	5.6	1.9	.7							13.4	7.2
SE	1.1	2.6	4.2	1.0	.2							9.0	7.3
SSE	1.3	1.9	2.6	.8								6.5	6.7
S	1.3	1.7	2.6	.8	.1	.0						6.5	7.2
SSW	1.2	.6	1.1	.8	.1	.0						3.6	7.5
SW	.6	.5	.5	.4	.2							2.0	6.9
WSW	.2	.3	.3	.3	.1	.1						1.2	8.8
W	.4	1.1	1.1	.9	.2	.0						3.7	6.3
WNW	.4	.5	.8	.3	.1							2.4	7.2
NW	.4	.7	.8	.3								2.2	6.6
NNW	.8	1.5	1.4	.5								4.3	6.6
VARBL													
CALM												12.1	
	12.9	25.4	32.6	15.4	1.4	.1						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 7441

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

10626 STATION HOMESTEAD AFB FL 69-72,73-80 YEARS APP
MONTH 000-0.05
CLASS ALL WEATHER
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.6	1.2	.1								4.3	5.2
NNE	.1	.4	.4	.2								1.2	7.5
NE	.2	.7	1.0	.2								2.1	6.9
ENE	.9	.7	4.1	1.3								7.0	8.0
E	2.7	3.7	7.4	4.4	.6							18.1	8.6
ESE	2.6	4.1	4.4	2.3	.1							13.6	7.2
SE	1.9	1.7	1.1	.4								5.1	5.2
SSE	1.7	1.7	1.8	.2								5.3	5.6
S	1.4	1.6	.9	.1								4.0	4.7
SSW	1.6	.2	.3	.1								2.2	3.6
SW	1.0	.7										1.7	3.1
WSW	.4	.6										1.0	3.4
W	.3	1.4										1.8	4.2
WNW	1.0	.4	.1									1.6	3.4
NW	.8	.8	1.2									2.8	5.9
NNW	1.7	2.8	.7	.4								5.6	4.9
VARBL													
CALM												22.2	
	13.7	23.9	24.6	10.0	.7							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17424 STATION HOMESTEAD AFB FL 69-70, 73-80 YEARS
STATION NAME CLASS ALL WEATHER
MONTH APR
HOURS (L.S.T.) 300-1500
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.1	4.7	1.7	.3								3.0	4.8
NNE	.2	1.1										1.3	4.1
NE	.2	.3	.7	.3								1.6	7.7
ENE	.1	1.8	3.8	.6								6.2	7.6
E	1.3	3.7	5.5	3.1	.1							13.7	8.1
ESE	1.3	3.7	4.8	1.1	.1							11.0	7.0
SE	1.9	1.7	2.6	.2								6.3	5.9
SSE	1.8	2.2	.7	.2								4.9	4.8
S	2.4	2.4	.8	.1								5.8	4.3
SSW	1.1	.2	.1	.4								1.9	5.2
SW	.4	.4										.9	3.4
WSW	1.1	.4										1.6	2.5
W	.2	.4										.7	4.7
WNW	1.2	.6										1.8	2.8
NW	1.0	.9	.1									2.0	3.7
NNW	1.7	3.1	1.9	.9								7.6	5.9
VARBL													
CALM												24.4	
	19.2	27.0	21.8	7.3	.2							100.5	4.6

TOTAL NUMBER OF OBSERVATIONS 899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1-529 STATION HOMESTEAD AFB FL 62-70, 73-80 YEARS APR MONTH
CLASS ALL WEATHER
HOURS (L.S.T.) 4600-0900
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	3.6	6.3	3.6	1.2	.1							14.5	5.8
NNE	1.4	1.2	.7									3.3	4.1
NE	.1	.6	1.1	.4								3.2	4.5
ENE	.2	1.3	3.0	1.1								5.7	5.9
E	1.1	3.2	5.7	4.0	.1							14.1	6.7
ESE	.3	2.3	5.4	2.0	.1							15.7	8.1
SE	1.1	2.5	2.1	.4								9.2	6.2
SSE	1.2	1.7	1.3	.4								4.7	6.1
S	1.1	3.4	1.8	.7								7.0	6.1
SSW	.9	.8	.2	.4								2.2	5.9
SW	.3	.2	.1	.1								.8	5.4
WSW	.2	.2		.2								1.3	4.3
W	.6	.4										1.0	3.2
WNW	.3	.6	.1									1.0	4.2
NW	.1	.3										.4	4.3
NNW	1.3	2.3	1.3	.2								5.2	5.3
VARBL													
CALM												19.3	
	15.0	27.6	26.4	11.3	.3							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 379

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

10-00 STATION HOMESTEAD AFB FL STATION NAME 64-70, 73-80 YEARS APR MONTH
CLASS ALL WEATHER HOURS (L.S.T.) 0900-1100
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	2.2	2.2	1.6	.2	.1						7.3	8.5
NNE	.7	.9	.9	1.8	.2							3.6	3.4
NE	.4	.4	1.4	2.0	.4	.1						4.9	10.7
ENE	.3	.4	3.7	4.9	.6							9.9	11.0
E	.3	3.3	7.8	7.3	.7	.2						19.7	10.3
ESE	.3	1.2	5.2	5.2	.2							16.9	10.3
SE	.4	1.1	3.9	2.7								2.1	9.1
SSE	.1	1.4	2.7	1.4								5.7	8.7
S	.7	1.2	3.3	2.6	.1							6.8	8.7
SSW	.7	.9	1.9	1.1								4.5	8.2
SW	.1	.9	.8	.6	.2							2.6	8.6
WSW	.4	.6	.2	.6	.2							2.2	3.3
W	.8	.6	.7	.3	.2							2.5	7.2
WNW	.3	.6	.2	.2								1.3	8.0
NW	.2	.7	.4	.2								1.6	3.7
NNW	.6	1.3	1.1	.7								3.7	6.8
VARBL													
CALM												1.2	
	6.9	19.1	36.9	32.3	3.1	.4						100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1-26 HOMESTEAD AFB FL STATION NAME 69-70.73-20 YEARS APR
MONTH 1200-1400
HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.4	.6	.6	.1							1.3	9.3
NNE	.1	.4	.7	.6	.1							1.3	9.5
NE	.1		.4	1.9	1.1	.1						3.7	14.3
ENE	.1	.4	3.7	7.6	1.3							13.8	12.1
E	.1	2.4	11.1	2.3	2.1							20.1	11.5
ESE		2.3	7.2	5.6								15.1	9.8
SE	.1	.3	6.2	2.2								3.3	9.4
SSE	.3	.2	3.8	2.2								7.1	9.4
S	.4	.4	4.1	1.8								6.8	3.0
SSW	.1	.7	1.0	1.4	.2							3.4	10.0
SW	.1	.6	.4	1.4	.3							2.9	10.8
WSW	.4	.6	.7	.2	.3							2.9	9.1
W	.3	.6	.9	1.1								2.9	9.3
WNW	.2	.2	.8	.3								1.8	7.8
NW	.1	.6	.2									.9	9.6
NNW	.2	.3	.2	.3								1.1	7.0
VARBL													
CALM												.6	
	3.0	11.6	42.0	37.2	5.3	.1						100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 972

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1 882 HOMESTEAD AFB FL STATION NAME 69-70, 77-80 YEARS APR
CLASS ALL WEATHER MONTH 1960-1969
CONDITION 1600-1700
HOURS [L.S.T.]

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.4	.3	.4								1.2	7.3
NNE	.1		.6	.3	.1							1.1	10.3
NE		.1	.6	3.7	.3							4.3	14.3
ENE		1.2	4.4	7.7	1.1	.1						13.9	11.5
E	.3	3.2	11.2	9.9	1.7							26.3	13.2
ESE	.1	2.4	7.4	2.9								12.9	9.0
SE		2.3	6.1	1.7								10.1	9.3
SSE	.1	1.6	3.8	2.2								7.7	9.0
S	.3	1.4	3.8	.9								6.4	9.1
SSW	.1	1.7	2.6	.1								3.8	7.5
SW	.3	.1	.6	1.1								2.1	10.1
WSW		.1	.4	1.3	.1							2.0	12.6
W		.1	.9	2.8	.3							4.1	12.3
WNW	.1	.2	.3	.6	.2							1.4	14.3
NW		.3	.4	.1								.9	7.0
NNW		.4	.6	.2								1.2	8.2
VARBL													
CALM												.2	
	1.6	15.8	44.0	34.6	3.8	.1						100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 990

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1-20 STATION HGMESTEAD AFB FL 69-70, 73-90 AP? MONTH
ALL WEATHER CLASS 1800-2000 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.3	.7									1.7	5.3
NNE	.1	.7	1.1	.4								2.3	6.1
NE	.3	.9	2.3	2.3	.1	.1						5.1	9.3
ENE	.7	3.3	6.4	3.1	.3	.1						14.9	8.9
E	2.2	6.8	13.0	4.9								23.7	7.8
ESE	2.3	4.9	2.1	.7								10.4	5.4
SE	1.2	4.4	2.3	.2								8.2	5.6
SSE	1.3	3.7	1.7	.1								5.9	4.8
S	3.2	3.2	1.1									7.6	4.3
SSW	.2	.7	.7									2.2	4.9
SW	.2	.7	.7	.1								1.8	6.1
WSW	.7	1.3	.6	.2								2.8	5.6
W	.6	1.6	3.3	1.0								6.4	8.2
WNW	.1	.3	.6	.1								1.1	6.7
NW	.1											.1	3.0
NNW	.3	.3	.2									1.3	4.7
VARBL													
CALM												3.4	
	15.3	33.8	33.1	13.2	.9	.2						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

10020 STATION HOMESTEAD AFB FL STATION NAME 69-70.73-90 YEARS APR
MONTH 4100-2370
CLASS ALL WEATHER
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	2.1	.4									2.2	5.0
NNE	.2	1.1	.3	.7								2.5	7.1
NE	1.1	.2	1.3	.8	.3							4.4	7.8
ENE	1.0	2.3	2.6	1.9								7.8	7.8
E	2.8	7.1	11.0	5.3	.2							26.4	8.1
ESE	3.1	4.2	1.2	.5		.1						9.9	5.3
SE	2.4	2.2	.2	.3								6.3	4.7
SSE	1.3	1.0	.6	.1								3.0	4.3
S	2.4	1.2	1.0	.1								4.8	4.5
SSW	1.3	.4										1.3	2.4
SW	.7	.9										1.6	3.6
WSW	.7	.7	.1									1.4	3.8
W	1.6	2.3	1.4	.2								5.6	5.3
WNW	.9	1.0	.2									2.7	4.7
NW	.4	.7										1.1	3.7
NNW	.2	.8	.6									1.6	5.8
VARBL													
CALM												15.9	
	20.9	30.2	22.1	10.2	.6	.1						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 950

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1969 STATION HOMESTEAD AFB FL 69-70, 73-80 YEARS APC MONTH ALL HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	1.2	2.3	1.3	.5	.1	.7						5.4	6.1
NNE	.4	.2	.6	.4	.1							2.2	7.2
NE	.3	.5	1.1	1.4	.4	.7						3.7	10.5
ENE	.4	1.5	4.0	3.4	.4	.0						9.8	9.9
E	1.2	4.3	8.7	6.0	.6	.0						20.9	9.2
ESE	1.4	3.3	4.7	2.6	.1	.7						12.1	8.0
SE	1.1	2.2	3.1	1.0								7.5	7.1
SSE	1.7	1.7	1.9	.9								5.5	7.0
S	1.5	2.0	2.1	.8	.2							6.4	6.4
SSW	.8	.0	.8	.5	.7							2.8	6.7
SW	.4	.6	.3	.4	.1							1.8	7.3
WSW	.0	.6	.3	.4	.1							1.9	6.8
W	.5	.9	.9	.7	.1							3.1	7.6
WNW	.5	.5	.4	.2	.0							1.6	5.6
NW	.3	.5	.3	.0								1.2	5.3
NNW	.2	1.5	.9	.3								3.4	5.8
VARBL													
CALM												10.9	
	12.6	23.6	31.4	19.5	1.9	.1						100.0	7.1

TOTAL NUMBER OF OBSERVATIONS 7199

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFS WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17876 STATION HOMESTEAD AFB FL STATION NAME 69-70.73-80 YEARS MAY
MONTH 000-0000
HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	1.2	1.3									4.7	4.5
NNE	.4	.5	.2									1.2	4.3
NE	.6	.3		.1								1.1	4.1
ENE	.5	1.4	1.0	.4								3.3	6.6
E	2.9	6.2	9.8	3.3	.1							22.4	7.3
ESE	2.6	3.4	3.8	.5								10.3	5.9
SE	1.0	1.6	1.1	.2								3.9	5.5
SSE	1.7	1.4	1.0	.4	.1							4.6	5.6
S	2.4	.6	.5	.3								3.9	4.3
SSW	1.5	.5	.4	.1								2.6	4.0
SW	1.3	.5										1.8	2.9
WSW	.6	.1										.8	2.6
W	1.1	1.0	.1									2.2	3.7
WNW	1.2	.6	.1									1.9	3.2
NW	1.2	.9	.2									2.3	3.5
NNW	1.5	.6	.2									2.4	3.4
VARBL													
CALM												30.8	
	22.7	21.2	19.7	5.5	.2							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1-26 STATION HOMESTEAD AFB FL STATION NAME 69-70, 73-80 YEARS MAY MONTH
CLASS ALL WEATHER HOURS (L.S.T.) 1300-1600
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	2.3	1.1									5.8	4.1
NNE	.6	.5	.2									1.5	4.1
NE	.4	.1		.2								.3	6.0
ENE	.4	1.7	1.3	.4								3.1	7.1
E	2.0	4.7	7.4	1.3								15.5	6.9
ESE	1.9	4.3	4.5	.6								11.4	6.2
SE	1.7	3.1	1.4									5.5	5.5
SSE	1.6	1.4	.5									3.5	4.1
S	2.8	1.3	1.3	.1								5.5	4.3
SSW	.9	.2		.1								1.2	3.5
SW	1.6	.1	.3		.1							2.7	3.5
WSW	.3	.2		.1								1.1	3.5
W	.6	.2										.9	3.0
WNW	1.7	.4										1.4	3.0
NW	.6	.4	.1									1.2	3.5
NNW	1.7	1.0	.2									2.9	3.2
VARBL													
CALM												35.7	
	21.0	22.0	18.3	2.9	.1							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 43

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

10126 STATION HOMESTEAD AFB FL 60-70, 73-80 YEARS MAY MONTH
CLASS ALL WEATHER 0600-1800 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.4	4.4	1.9									10.8	4.4
NNE	1.2	1.2	.4	.1		.1						3.0	4.9
NE	.3	.5	.4	.4								1.7	8.1
ENE	.6	.9	1.8	1.2								4.5	8.0
E	1.3	2.6	6.6	2.2								12.6	7.9
ESE	1.6	3.1	4.8	1.3								10.9	7.0
SE	1.4	2.4	2.6	.6								7.0	6.5
SSE	1.1	1.3	1.9	.4								4.7	6.5
S	2.4	1.8	1.1	.6								5.9	5.3
SSW	1.0	.8	.5	.1								2.4	4.6
SW	.5	.6	.1	.1								1.4	4.7
WSW	.6	.1	.2	.1								1.1	4.4
W	1.3	.5	.3									3.2	3.6
WNW	.3	.8										1.1	4.0
NW	.5	.1	.1									.8	3.0
NNW	2.8	2.0	.5									5.4	3.6
VARBL													
CALM												24.7	
	21.4	23.1	23.4	7.2		.1						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATP WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

11820 STATION HOMESTEAD AFB FL 69-70, 73-80 YEARS MAY MONTH 0900-1100 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.2	1.3	.1								3.0	6.1
NNE	.9	1.4	.8									3.0	5.1
NE	.6	.5	1.2	.8	.2							3.3	5.5
ENE	1.7	2.2	2.2	3.2	.2							9.7	9.2
E	1.1	3.8	6.8	8.2								19.8	9.4
ESE	.9	2.3	7.1	3.5	.2							14.0	6.9
SE	.0	2.2	3.2	.9								7.1	7.5
SSE	.6	2.9	3.4	1.0	.1							8.1	7.5
S	1.4	1.5	4.6	1.6		.1						9.2	8.0
SSW	.5	1.3	1.7	.3	.1							4.0	7.4
SW	.4	1.6	1.3	.5								3.9	6.9
WSW	.9	1.1	.4	.5								2.8	6.2
W	1.3	1.3	1.2	.1	.2							4.1	5.9
WNW	.5	.5	.4	.1	.1							1.7	6.1
NW	.5	1.3	.3									2.2	4.8
NNW	.3	1.5	.2	.1								2.2	5.3
VARBL													
CALM												3.0	
	12.6	26.0	36.1	21.0	1.2	.1						100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

10820 STATION HOMESTEAD AFB FL 60-70.72-40 YEARS MAY
MONTH
1200-1400 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.3	.4	.1	.1							1.1	5.6
NNE	.1	.2	.3									.6	8.2
NE		.4	.5	.6	.3							1.9	10.6
ENE		1.2	2.9	5.3	.4							9.8	11.2
E	.3	3.7	13.9	8.8	.1							26.8	9.6
ESE	.4	3.0	8.9	3.9								16.2	8.6
SE	.4	2.5	4.7	1.6								9.2	8.0
SSE	.2	1.6	5.5	1.2								8.5	6.5
S	.6	2.5	5.3	1.3	.1							9.8	8.0
SSW		.6	2.6	1.8	.3							5.4	10.6
SW	.1	1.1	1.0	.8	.1							3.0	5.7
WSW	.1	.6	.9	.2								1.8	7.6
W	.1	.3	.6	1.1								2.2	10.3
WNW	.3	.1		.2								.6	6.2
NW	.1	.8	.2									1.1	5.4
NNW	.3	.2	.3	.1								1.0	6.0
VARBL													
CALM												1.0	
	3.3	19.1	48.1	27.0	1.5							100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 43

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1-29 HOMESTEAD AFB FL STATION NAME 69-70.73-80 YEARS MAY
CLASS ALL WEATHER MONTH 1500-1700
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.3	1.2									1.5	6.6
NNE	.4		.6									1.1	3.9
NE		.5	.5	1.4								2.5	16.5
ENE	.4	1.6	4.4	7.7	.1							14.3	10.7
E	.2	3.4	13.5	6.9	.2							24.9	9.0
ESE	.8	3.2	5.9	1.4								11.2	7.7
SE	.4	1.9	5.2	.8								8.3	7.8
SSE	.4	1.3	5.3	1.2								3.5	7.9
S	.4	3.5	4.4	.0								9.2	7.3
SSW	.3	1.1	3.3	1.6	.1							6.5	9.2
SW	.1	.5	1.2	1.4	.1							3.4	9.8
WSW	.2	.2	.5	.6								1.6	9.5
W	.2	.2	.8	1.6	.2							3.0	11.1
WNW			.2									.2	6.0
NW	.1	.3	.2									.6	5.5
NNW	.3	.3	.3		.1							1.1	6.7
VARBL													
CALM												2.0	
	5.3	19.2	47.3	25.3	.9							100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATMOSPHERIC SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 11-26 HOMESTEAD AFB FL STATION NAME 69-76.73-22 YEARS MAY
MONTH 1800-2000
HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.0	1.1	.2	.1								2.0	5.2
NNE	.5	.3	.3	.1	.2							1.0	5.5
NE	.2	.6	1.9	.9	.1							3.9	6.4
ENE	1.2	4.5	5.4	3.1	.1							14.3	7.9
E	3.5	8.6	9.6	3.7	.2							25.6	7.1
ESE	3.2	2.3	2.2	.3								9.0	5.1
SE	1.9	2.3	1.8	.4								6.5	5.8
SSE	2.5	1.7	1.1									5.3	4.3
S	2.9	4.5	1.5	.2								9.0	4.9
SSW	.5	1.2	.9									3.3	5.2
SW	.6	.2	.6	.4								2.6	6.3
WSW	.2	.2	1.1									2.2	6.2
W	.5	.2	2.7	.5								4.6	7.5
WNW		.2	.5	.1								.9	6.4
NW	.3		.1		.1							.5	7.5
NNW	.2	.2	.3									.8	5.6
VARBL													
CALM												7.6	
	12.1	32.4	30.2	2.9	.8							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 936

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 10420 HOMESTEAD AFB FL STATION NAME 69-70, 73-80 YEARS
MONTH MAY
CLASS ALL WEATHER
HOURS (L.S.T.) 01 00-23 00
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.6	1.4	.1								4.4	2.4
NNE	.9	.9	.7									1.8	4.1
NE	.6	.9	.5									2.0	5.0
ENE	2.2	2.9	3.2	.9								9.1	6.2
E	4.7	8.2	11.7	3.8								20.7	7.0
ESE	3.1	2.9	1.6	.8								8.4	5.2
SE	1.4	.3	1.3	.2								2.8	5.5
SSE	1.9	1.2	1.1									4.2	4.3
S	3.5	1.4	.2									5.2	3.2
SSW	1.1	.4	.1	.2								1.8	4.3
SW	1.5	.9										2.4	3.2
WSW	.9	1.3	.2									2.4	4.1
W	1.3	2.4	.4									4.1	4.3
WNW	.8	1.1	.2									2.0	4.3
NW	.1	.3										.4	4.6
NNW	.6	.1	.2	.1								1.1	4.6
VARBL													
CALM												20.2	
	25.3	27.2	20.8	6.0								100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1024 HOMESTEAD AFB FL STATION NAME 63-70, 73-50 YEARS MAY
CLASS ALL WEATHER MONTH ALL
CONDITION ALL HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	1.6	1.1	.1	.0							4.3	4.9
NNE	.6	.7	.4	.0	.0	.0						1.8	5.0
NE	.4	.5	.6	.6	.1							2.2	6.2
ENE	.8	1.9	2.8	2.8	.1							3.4	6.3
E	2.1	5.1	9.7	4.8	.1							21.8	6.1
ESE	1.8	3.2	4.8	1.5	.0							11.4	7.1
SE	1.0	2.1	2.7	.6								6.4	6.8
SSE	1.3	1.7	2.5	.5	.0							5.9	6.6
S	2.0	2.2	2.4	.6	.0	.0						7.2	6.1
SSW	.7	.9	1.2	.5	.1							3.4	7.2
SW	.8	.8	.6	.4	.0							2.6	6.3
WSW	.5	.5	.4	.2								1.7	5.9
W	.8	.8	.8	.4	.1							2.9	6.5
WNW	.5	.5	.2	.1	.0							1.2	4.7
NW	.4	.5	.2		.0							1.1	4.4
NNW	1.0	.9	.3	.0	.0							2.1	4.2
VARBL													
CALM												15.6	
	16.4	23.8	30.5	13.1	.6	.0						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1-26 STATION HOMESTEAD AFB FL STATION NAME 69-70,73-80 YEARS JUL MONTH
CLASS ALL WEATHER 1800-1800
CONDITION 1800-1800 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.6	.7	.1									.3	3.7
NNE	1.7	.1										1.1	2.7
NE	.6	.3	.1	.3	.1							1.4	0.9
ENE	1.1	1.7	1.2	.8								4.1	0.6
E	4.7	5.9	2.9	.6								13.0	5.0
ESE	4.2	2.2	1.0	.2								7.7	4.2
SE	2.2	2.4	.6	.1								5.1	4.5
SSE	1.4	.6										2.0	2.6
S	2.0	1.1	.2									3.3	3.3
SSW	1.1	.4	.2	.3								2.1	3.1
SW	.7	.2										.4	2.5
WSW	1.2	.2										1.2	2.5
W	1.1	.6										1.7	2.9
WNW	.2	.1										.4	2.2
NW	.1	.1										.2	3.1
NNW	2.3	.6										2.9	2.7
VARBL													
CALM												49.0	
	25.2	16.4	6.3	2.3	.1							100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1-00 HOMESTEAD AFB FL STATION NAME 60-70.73-20 YEARS JUL MONTH
CLASS ALL WEATHER HOURS [L.S.T.] 0300-1900
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	1.0										3.7	5.1
NNE	.7	.2	.2									1.1	5.7
NE	.4	.7		.2								1.0	6.1
ENE	1.0	.6	1.4	.6								3.6	6.7
E	3.2	1.4	1.4									6.1	4.1
ESE	3.4	3.4	1.7	.3								8.9	4.9
SE	1.5	1.9	.1									3.0	3.6
SSE	1.2	.3	.2									2.2	3.7
S	1.5	.7	.7		.1							3.3	4.4
SSW	.7	.9	.1	.1	.1							1.9	3.2
SW	.4	.7										.8	3.4
WSW	.1	.2										1.5	4.2
W	.4	.8										1.2	3.7
WNW	1.0	.1										1.1	2.3
NW	.7	.2										.9	2.0
NNW	1.3	.8										2.1	3.1
VARBL													
CALM												57.6	
	20.7	14.4	5.9	1.2	.2							100.0	1.8

TOTAL NUMBER OF OBSERVATIONS 200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1020 HOMESTEAD AFB FL STATION NAME 69-74.73-86 YEARS JUL MONTH 2600-0810 HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	2.7	.3									6.2	3.4
NNE	1.4	1.1	.2									2.6	3.8
NE	.9	.7	.2	.2								1.0	4.7
ENE	1.1	.9	1.4	1.2	.1							4.7	7.6
E	1.7	2.4	2.2	.4								7.1	6.0
ESE	2.7	3.3	2.2	.1								8.3	5.3
SE	.6	2.1	1.7									4.2	5.6
SSE	1.7	.2	.7	.1								2.2	4.4
S	3.3	2.7	.3									4.8	3.9
SSW	1.7	1.2		.4	.1							3.4	5.1
SW	1.4	.2										1.7	2.4
WSW	.1	.3	.2									.7	6.2
W	.8	.2	.2									1.3	3.9
WNW	.7	.4										1.1	2.7
NW	.9	.9	.1									1.6	3.4
NNW	2.8	.9	.1									3.8	2.9
VARBL													
CALM												42.7	
	23.9	20.6	10.0	2.7	.2							100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1-26 STATION HOMESTEAD AFB FL STATION NAME 69-70, 73-90 YEARS JULY MONTH 1900-1100 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.4	.1									2.5	3.7
NNE	.8	1.1	.8									2.6	5.4
NE	.8	1.1	.8	.3								3.0	6.1
ENE	1.1	2.7	4.1	2.0								9.9	6.0
E	2.7	6.1	8.4	1.9								19.1	6.9
ESE	1.0	5.4	5.3	1.2								13.0	6.9
SE	1.6	2.1	3.6	.4								7.7	8.6
SSE	1.0	2.1	1.7	.1								4.9	5.7
S	1.9	2.9	1.7	.6								7.0	5.6
SSW	1.7	.7	2.3	.8	.1							5.6	6.9
SW	1.7	1.4	.9									4.0	4.5
WSW	1.7	1.2	.7	.1								3.4	4.3
W	1.3	1.2	1.4	.1								4.1	5.4
WNW	1.0	.2	.2	.2								1.7	3.2
NW	.4	.2	.9									2.2	2.4
NNW	.6	.6	.1									1.2	3.8
VARBL													
CALM												7.9	
	20.3	30.9	33.0	7.8	.1							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

12-29 STATION HOMESTEAD AFB FL 69-70, 73-80 YEARS JUN MONTH
1200-1400 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.5	.3	.1								1.6	5.0
NNE	.4	.4										.9	3.6
NE		.3	.6	.4								1.3	7.3
ENE	.4	1.7	3.7	3.2								9.0	9.4
E	1.4	6.7	13.1	3.2								23.8	7.9
ESE	.7	6.7	11.1	1.7								17.4	7.7
SE	.5	2.3	6.4	.7								10.0	7.6
SSE	1.7	2.7	3.8	.1								7.6	9.7
S	1.7	2.3	2.4	.6	.1							6.4	9.7
SSW	.6	1.9	2.7	1.0	.3							5.8	8.3
SW	.4	.7	.8	.3								2.4	9.6
WSW	.4	1.4	.7	.4								3.0	7.5
W	.2	.7	1.1	.3								2.3	7.6
WNW	.4	.7	.4									1.6	5.3
NW	.3	.8	.3									1.4	4.6
NNW	.1	.3	.1									.6	5.0
VARBL													
CALM												2.9	
	4.7	29.0	46.9	12.1	.4							100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1-25 STATION HOMESTEAD AFB FL 69-70.73-20 YEARS JUN MONTH
ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	.6	.6	.2								2.1	5.8
NNE	.2	.2	.2	.1	.1	.1						1.1	6.5
NE		.3	.9	.6								1.8	7.3
ENE	.3	1.8	3.4	3.8								9.3	5.6
E	.8	6.8	12.0	2.6	.1							22.2	7.8
ESE	1.9	5.2	8.2	.4								15.8	6.8
SE	.6	3.4	4.3	.4								8.8	6.8
SSE	1.7	2.6	1.4	.6								5.6	5.8
S	1.9	4.1	3.0	.4								9.3	5.9
SSW	1.0	1.6	2.9	.4	.1							6.0	7.3
SW	.8	1.2	.9	.3	.1							3.3	6.5
WSW	.4	1.1	.4	.2	.1							2.3	6.8
W	.8	1.1	.4	.7								3.0	6.4
WNW	.9	.6	.1	.2								1.8	5.1
NW	.1	.2	.3		.1							.8	5.0
NNW	.1	.7	.9									1.7	6.5
VARBL													
CALM												5.1	
	11.6	31.4	40.1	11.0	.7	.1						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 920

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

10025 STATION HOMESTEAD AFB FL 69-70.73-20 YEARS JUN MONTH
1300-2000 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.2	.4		.2							2.7	5.9
NNE	.4	.6	.1	.1								1.2	5.1
NE	.2	.9	1.1	1.1	.1							3.4	9.1
ENE	1.7	3.1	2.6	2.0								9.3	7.1
E	5.0	9.4	5.2	.7								20.3	5.3
ESE	4.0	5.2	2.7									11.9	4.7
SE	2.6	3.0	.6									6.1	4.0
SSE	3.0	1.6	.6	.1								5.2	3.9
S	3.8	3.3	1.1									8.7	4.0
SSW	1.8	2.3	.3	.1								4.6	4.0
SW	.7	1.6	.3									2.6	4.6
WSW	.3	.7	.7									1.7	5.9
W	1.0	1.2	.3									2.6	4.2
WNW	.2	.4	.2	.1								1.0	6.0
NW	.7	.3	.1									1.1	3.9
NNW	1.1	.7	.2									2.0	3.5
VARBL													
CALM												15.7	
	27.2	36.0	16.6	4.2	.3							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 920

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

10026 STATION HOMESTEAD AFB FL 69-70, 73-80 YEARS JUN MONTH
2100-2300 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	.7	.1									2.9	2.8
NNE	.2	.4	.1									1.4	3.3
NE	.6	.9	.4	.7								2.6	7.3
ENE	1.1	1.8	2.0	.9								5.8	7.2
E	6.9	7.0	3.2	.8								17.9	4.9
ESE	5.7	3.1	.4	.3								9.6	3.7
SE	1.9	1.6	.2									3.7	3.5
SSE	1.7	.4	.1									2.2	2.7
S	3.4	1.4	.3									5.2	3.2
SSW	1.8	.6	.1	.1								3.6	3.6
SW	1.7	1.0	.1									2.8	3.1
WSW	1.0	.7	.1									1.8	3.4
W	1.2	.3	.1									1.7	2.9
WNW	.6	.3										.9	2.8
NW	.3											.2	2.0
NNW	1.2	.8	.2									2.2	3.6
VARBL													
CALM												36.6	
	32.0	21.0	7.7	2.8								100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1925 STATION HOMESTEAD AFB FL 69-73, 73-80 YEARS JUN MONTH
ALL WEATHER CLASS ALL HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	1.2	.2	.0	.0							1.0	3.9
NNE	.7	.5	.2	.0	.0	.0						1.5	4.5
NE	.4	.6	.5	.5	.0							2.1	7.3
ENE	1.0	1.7	2.5	1.8	.0							7.0	6.0
E	3.3	5.7	6.1	1.3	.0							16.3	6.3
ESE	2.9	4.2	4.1	.5								11.8	5.9
SE	1.4	2.3	2.2	.2								6.1	5.8
SSE	1.5	1.4	1.1	.1								4.1	5.0
S	2.3	2.3	1.2	.2	.0							5.0	4.9
SSW	1.3	1.2	1.0	.4	.1							4.0	6.1
SW	1.1	.9	.4	.1	.0							2.3	4.6
WSW	.7	.7	.3	.1	.0							1.9	5.1
W	.9	.9	.5	.1								2.3	5.0
WNW	.6	.4	.1	.1								1.2	4.3
NW	.4	.4	.2		.0							1.1	4.5
NNW	1.2	.7	.2									2.1	3.5
VARBL													
CALM												27.2	
	21.2	25.0	20.8	5.5	.3	.0						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 7220

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

10020 STATION HOMESTEAD AFB FL 60-70.73-80 YEARS JUL MONTH 0000-0200 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.9	1.4	.1									4.4	3.3
NNE	1.2	.5										1.7	2.5
NE	.3	.4	.1									.9	3.8
ENE	1.2	.5	.2									1.9	3.6
E	4.0	4.9	2.2	.4								11.5	4.8
ESE	3.2	3.3	2.2	.2								8.9	5.0
SE	2.5	1.6	.1									4.2	3.1
SSE	2.1	.4		.1								2.6	3.6
S	2.7	.8										2.8	2.5
SSW	.9	.3										1.2	2.9
SW	1.1											1.1	2.1
WSW	.3	.1										.4	2.5
W	1.2	.2										1.4	2.3
WNW	.5	.3	.1									1.0	3.3
NW	.9	.3										1.2	2.4
NNW	2.3	.5										2.8	2.4
VARB													
CALM												52.0	
	26.5	15.8	4.9	.8								100.0	1.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

10526 STATION HOMESTEAD AFB FL STATION NAME 69-70, 73-80 YEARS JUL MONTH
CLASS ALL WEATHER HOURS (L.S.T.) 0300-0600
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.5	1.2	.2									9.9	2.7
NNE	.2	1.1										1.3	3.4
NE	.9	.2										.7	2.6
ENE	1.1	.2	.1									1.4	3.2
E	2.7	2.4	1.3									6.3	4.4
ESE	3.5	3.9	1.5	.1								9.0	4.5
SE	1.6	1.4	.6									3.7	4.2
SSE	1.6	.6	.3									2.6	3.5
S	.9	.4	.1									1.4	3.3
SSW	.5	.1										.6	2.5
SW	.4											.4	1.5
WSW	.4		.1									.5	3.0
W	.8	.1		.2								1.1	4.0
WNW	.2											.3	2.3
NW	1.0	.1	.1									1.2	2.5
NNW	3.4	1.3										4.7	2.9
VARBL													
CALM												58.1	
	24.3	12.9	4.4	.3								100.0	1.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 17-20 STATION NAME HOMESTEAD AFB FL YEARS 69-70, 73-80 MONTH JUL
CLASS ALL WEATHER HOURS (L.S.T.) 0600-0800
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.5	2.4	.1									7.1	2.9
NNE	1.5	1.1	.2									3.1	3.3
NE	1.1	.2	.1									1.9	3.3
ENE	.6	.9	.3									1.8	4.6
E	2.7	3.3	2.6	.4								9.0	5.2
ESE	3.2	4.9	2.7	.6								11.3	5.5
SE	1.5	1.1	.5	.2								3.3	4.8
SSE	3.2	.5	.3									4.0	3.0
S	1.5	1.3	.4									3.2	4.1
SSW	.2	.3	.1									1.3	3.4
SW	.5											.5	1.8
WSW	.3	.1										.4	2.8
W	1.2	.4										1.4	2.9
WNW	1.1	.4										1.5	2.6
NW	1.2	.2										1.4	2.5
NNW	2.9	.6										3.5	2.5
VARBL													
CALM												45.1	
	27.7	18.5	7.4	1.3								100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 430

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1-225 STATION HOMETEAM AFB FL STATION NAME 69-70, 73-AN YEARS JUL MONTH 1969-1970 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	.6	.2									1.3	3.1
NNE	.5	.8	.3									1.0	4.5
NE	.9	.5	.5									1.9	4.8
ENE	1.3	1.3	1.1	.3								4.5	5.4
E	2.8	5.9	9.2	3.0								31.0	7.3
ESE	1.8	7.1	3.7	1.9	.1							19.7	7.0
SE	2.0	3.0	3.2	.2								8.5	5.9
SSE	2.3	2.6	2.3									7.1	5.2
S	1.9	2.5	2.2	.2								6.9	5.6
SSW	1.8	1.1	1.0	.3								4.2	5.2
SW	1.1	1.0	.9									2.9	5.0
WSW	1.4	1.0	.2									2.6	3.6
W	1.2	.9	.3									2.4	3.8
WNW	1.1	.6										1.7	3.4
NW	.4	.3	.2									1.4	4.6
NNW	.4	.4	.3									1.2	4.6
VARBL													
CALM												10.2	
	22.4	30.6	30.6	6.0	.1							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1-26 HOMESTEAD AFB FL STATION NAME 69-70, 73-80 YEARS JUL MONTH
CLASS ALL WEATHER 1200-1400 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	.2	.2	.7									.5	1.6
NNE	.4	.1										.5	1.6
NE	.7	.2	.2									.5	4.3
ENE	.4	1.4	1.5	.4								3.6	7.1
E	1.0	7.6	15.9	2.6	.1							29.2	7.3
ESE	2.0	7.0	11.4	3.5								24.0	7.6
SE	.9	3.2	6.7	.4								11.2	7.3
SSE	1.5	2.8	3.7	.5								6.5	5.5
S	1.0	2.2	2.5	.4								6.0	5.3
SSW	.9	.6	.8	.4								2.7	6.0
SW	.3	.5	.8	.6								2.3	7.6
WSW	.3	.4	.3	.1								1.2	5.6
W	.5	.5	1.0	.2								2.4	6.3
WNW	.2	.5	.5									1.3	5.2
NW	.3	.6	.2									1.2	4.5
NNW	.3	.1	.2	.1								.9	5.6
VARBL													
CALM												3.5	
	12.7	28.3	45.9	9.5	.1							120.2	6.6

TOTAL NUMBER OF OBSERVATIONS 73

AD-A102 404

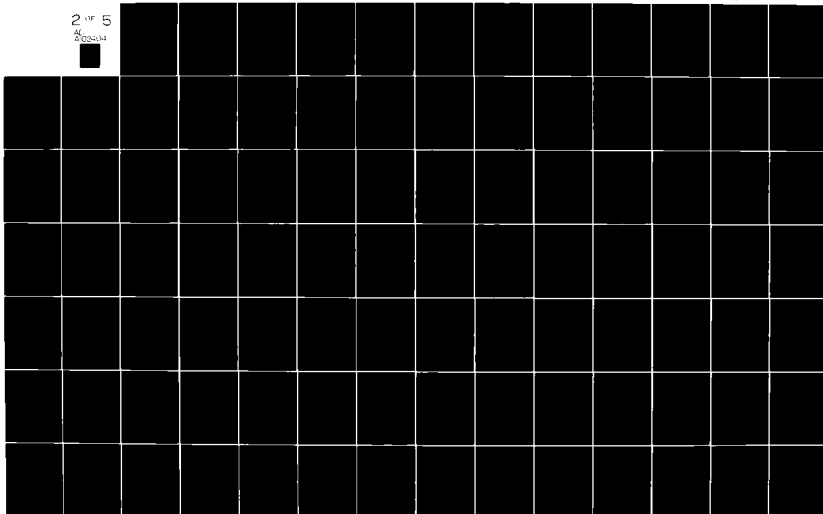
AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
HOMESTEAD AFB, FLORIDA. REVISED UNIFORM SUMMARY OF SURFACE WEAT--ETC(U)
JUN 81

UNCLASSIFIED USAFETAC/DS-81/065

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GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1-626 STATION HOMESTEAD AFB FL STATION NAME 62-72.73-80 YEARS JUL MONTH
CLASS ALL WEATHER 1900-1900 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.1	.8	.1								2.3	6.2
NNE		.6	.6	.1								1.4	6.3
NE	.1	.2	.4	.1								.9	7.0
ENE	.4	1.1	1.0	.5								4.0	7.4
E	1.3	7.6	14.7	2.7	.1							26.2	7.5
ESE	2.5	7.1	9.4	.9								19.8	6.9
SE	1.2	3.9	4.6	1.7								10.5	6.7
SSE	1.4	3.7	3.2	.3								8.6	6.0
S	1.3	3.2	2.3									8.3	5.4
SSW	.9	1.1	1.3	.6								3.8	6.9
SW	.6	1.0	.8	.3								2.7	6.4
WSW	.8	.9	.6	.2								2.5	5.4
W	.8	.9	.8	.3								2.7	5.6
WNW	.5		.2	.1								.9	4.8
NW	.2	.9	.6									1.7	5.9
NNW	.2	1.3	.4	.2								2.2	6.0
VARBL													
CALM												3.2	
	13.0	34.2	41.9	7.5	.1							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1900 STATION HOMESTEAD AFB FL 69-70.73-80 YEARS JUL MONTH
ALL WEATHER CLASS 1800-2200 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.3	.9	.4								4.5	5.5
NNE	.7	.3	.1									1.2	4.5
NE	.4	1.0		.1								1.5	4.8
ENE	1.3	2.5	1.5									5.8	4.9
E	6.5	13.9	5.4	.8								23.4	5.2
ESE	5.2	6.1	2.6	.3								14.9	4.3
SE	2.7	1.9	1.2	.2								6.0	4.5
SSE	3.2	1.4										4.4	3.2
S	4.4	2.3	.3									7.0	3.2
SSW	.3	.8	.3									1.8	4.4
SW	.5	.8	.3									1.6	4.5
WSW	.9	.3	.5									1.7	4.7
W	1.5	.7	.3	.1								2.8	4.3
WNW	1.2	.6	.1									1.9	3.3
NW	.6	.4										1.1	3.2
NNW	1.3	1.1	.1	.2								2.7	4.4
VARBL													
CALM												17.5	
	33.2	33.4	13.7	2.2								100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 730

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1986 STATION HOMESTEAD AFB FL 69-70.73-80 YEARS JUL MONTH
ALL WEATHER CLASS 1980-2300 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.9	.4									3.7	4.2
NNE	1.7	.4	.2									1.6	3.2
NE	1.7	.4	.4									1.6	3.9
ENE	1.9	.8	.3									2.9	3.4
E	7.4	6.5	3.5	.2								17.6	4.4
ESE	5.9	2.7	.5									9.0	3.4
SE	2.0	1.7	.1									3.9	3.4
SSE	1.6	.9		.1								2.6	3.4
S	2.6	1.2	.1									3.9	3.1
SSW	.4	.4										.9	3.3
SW	.8	.5										1.3	3.1
WSW	.5	.4	.1									1.1	3.6
W	1.4	.5	.2									2.2	3.6
WNW	.6	.1										.8	2.4
NW	.3	.2										.5	3.2
NNW	1.4	1.0										2.4	3.2
VARBL													
CALM												44.0	
	30.0	19.7	6.0	.3								100.0	2.1

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

10626 STATION HOMESTEAD AFB FL 69-70, 73-80 YEARS JUL MONTH ALL HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	1.3	.4	.1								3.9	3.8
NNE	.8	.7	.2	.0								1.6	3.8
NE	.6	.5	.2	.0								1.3	4.2
ENE	1.1	1.1	.9	.2								3.3	5.3
E	3.9	6.1	6.8	1.3	.0							13.1	6.2
ESE	3.5	5.3	4.9	1.0	.0							14.6	6.0
SE	1.3	2.0	2.1	.3								6.4	5.6
SSE	2.1	1.5	1.2	.1								5.0	4.8
S	1.9	1.7	1.0	.1								4.7	4.5
SSW	.9	.6	.4	.2								2.1	5.1
SW	.7	.5	.3	.1								1.6	5.0
WSW	.6	.4	.2	.0								1.3	4.3
W	1.0	.5	.3	.1								2.0	4.3
WNW	.7	.3	.1	.0								1.2	3.6
NW	.6	.4	.1									1.2	3.6
NNW	1.5	.8	.1	.1								2.5	3.5
VARBL													
CALM												29.2	
	23.7	24.2	19.4	3.5								100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1-26 STATION HOMESTEAD AFB FL STATION NAME 69-70,73-80 YEARS APR
CLASS ALL WEATHER MONTH 0000-0400
CONDITION 0000-0400
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	1.3										3.3	2.8
NNE	1.3	.6	.1	.1								2.7	3.6
NE	1.2	.8										1.9	3.1
ENE	1.5	2.5	.4									4.4	4.3
E	3.9	6.5	5.2	.6								15.7	5.8
ESE	2.8	4.8	2.6	.6								10.9	5.7
SE	1.6	1.7	.4									3.8	3.8
SSE	1.4	1.1	.2									2.7	3.4
S	1.2	.3										1.5	2.6
SSW	.2	.5										.8	4.1
SW	.4	.1										.5	2.6
WSW	.6	.1	.1									.9	3.4
W	.3		.1									.4	3.8
WNW	1.1	.2										1.3	2.0
NW	.9	.2										1.0	2.6
NNW	2.3	.4										2.7	2.4
VARBL													
CALM												45.2	
	23.5	20.8	9.1	1.4								100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

10020 STATION HOMESTEAD AFB FL 69-70, 73-80 YEARS AUG MONTH 0300-0500 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.1	1.2	.2									6.1	2.9
NNE	1.4	.5	.1									2.0	3.1
NE	.9	.2	.1									1.2	3.3
ENE	.9	.7	.9	.1								2.7	5.3
E	2.4	4.9	2.6	1.1	.1							11.1	6.3
ESE	3.7	5.8	2.3	.1								11.8	4.7
SE	2.5	1.5	.4	.2								4.6	4.0
SSE	1.8	.2										2.0	2.4
S	.9	.1	.1	.1								1.2	4.1
SSW	.5	.3	.1									1.0	3.4
SW	.2	.1	.2									.5	5.6
WSW	.2	.3	.2									.8	3.0
W	.2	.3										.5	3.6
WNW	.9	.2										1.1	2.4
NW	.9	.1										1.0	2.2
NNW	2.0	.3	.1									2.5	2.5
VARBL													
CALM												49.9	
	23.3	17.7	7.3	1.6	.1							100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1 126 STATION HOMESTEAD AFB FL 69-70, 73-80 YEARS AUG MONTH
CLASS ALL WEATHER 0600-2000 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.2	3.1	.2									8.8	3.1
NNE	1.7	.9	.1									2.7	3.1
NE	1.4	.5										1.9	3.0
ENE	1.2	1.3	1.0	.3	.1							3.9	6.0
E	1.7	4.6	3.5	1.6								11.5	6.6
ESE	3.2	5.9	3.7									12.8	5.2
SE	2.6	2.3	1.4	.3								6.6	4.9
SSE	1.6	1.5	.4									3.5	4.1
S	2.3	1.1	.1									3.4	3.2
SSW	.8	.7	.1									1.2	3.8
SW	.5	.1	.2									.9	4.1
WSW	.4		.1									.5	3.4
W	.4		.1									.5	3.6
WNW	.3	.1										.4	2.8
NW	.9	.2										1.0	2.6
NNW	2.9	.4										3.3	2.4
VARBL													
CALM												37.3	
	27.0	22.4	11.0	2.3	.1							100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

10-26 STATION HOMESTEAD AFB FL 69-70, 73-80 YEARS AUG MONTH
ALL WEATHER CLASS 1940-1100 HOURS [L.S.T.]
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.3		.1								2.5	3.8
NNE	.5	.9	.2	.1								1.7	5.3
NE	.6	1.0	.3	.4								2.4	5.9
ENE	1.2	1.4	2.9	1.7	.1							7.3	7.8
E	1.5	7.6	14.1	4.3	.4							28.0	8.1
ESE	.2	5.1	12.6	3.1								19.7	8.0
SE	1.1	3.9	3.5	.5								9.0	6.4
SSE	1.1	2.3	2.2	.3								5.8	6.1
S	2.0	1.1	2.2	.1								5.4	5.4
SSW	1.0	1.1	1.1	.4	.1							3.7	6.6
SW	.4	.8	.6	.2								2.0	5.8
WSW	.5	.2	.1									.9	3.6
W	.4	.6										1.1	3.8
WNW	.5	.2	.1									.9	3.4
NW	.2	.5	.1									.9	4.9
NNW	.6	.6	.1									1.4	3.5
VARBL													
CALM												7.5	
	13.8	28.5	38.2	11.4	.6							100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

10020 STATION HOMESTEAD AFB FL 69-70, 73-80 YEARS AUG MONTH 1200-1400 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.5	.4									1.2	5.5
NNE		.2	.1	.1								.4	6.5
NE	.3	.2	.1	.5								1.2	7.7
ENE	.5	1.6	2.8	2.4	.6							8.0	9.6
E	1.3	6.1	18.5	8.4	.1							34.4	8.9
ESE	1.3	4.6	11.4	3.3								20.6	8.0
SE	.6	2.4	4.6	1.5								9.1	5.0
SSE	.3	2.3	2.9	.6								6.7	7.1
S	.9	1.7	2.7	.5								5.8	6.7
SSW	.2	.6	.4	.6								1.9	7.9
SW	.2	.4	1.0	.3								1.9	7.9
WSW		.5	.4	.2								1.2	6.2
W	.4	.2	.6	.2								1.5	6.4
WNW		.4	.3	.1								.9	6.5
NW	.3	.6	.5									1.5	6.5
NNW	.1	1.1	.4									1.5	5.4
VARBL													
CALM												2.2	
	6.8	24.1	47.3	18.9	.8							100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1929 STATION NAME HOMESTEAD AFB FL 69-70, 73-80 YEARS AUG MONTH 1500-1700 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	.5	.6	.2								2.4	2.3
NNE	.4	.8	.3									1.5	4.8
NE	.3	.4	.2	.4	.1							1.5	7.9
ENE	.6	1.8	3.7	2.3	.2							8.6	8.9
E	1.5	7.4	16.4	7.0	.5							32.8	8.5
ESE	1.7	5.5	11.2	1.5								19.9	7.4
SE	.5	2.3	4.3	.1								7.2	3.9
SSE	.5	1.9	2.3									4.7	6.6
S	1.7	1.1	1.9	.1								4.1	6.1
SSW	.3	1.5	.9	.2								2.3	6.3
SW	.3	.9	1.1	.2								2.5	8.7
WSW	.6	.4	.4	.2								1.7	5.7
W	.5	.8	1.0	.1								2.4	5.9
WNW	.3	.2	.3									.5	4.6
NW	.5	.4	.3	.1	.1							1.5	6.6
NNW	.3	.3	.6									1.3	5.8
VARBL													
CALM												4.2	
	10.7	26.3	45.4	12.5	1.0							100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 929

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1. 20 STATION HOMESTEAD AFB FL STATION NAME 69-73-80 YEARS 400 MONTH 12-10-2000
CLASS ALL WEATHER HOURS [L.S.T.]
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	1.2	.7	.1								4.5	3.7
NNE	1.4	1.1	.3									3.8	4.7
NE	1.0	1.3	.5	.2								3.3	5.3
ENE	1.4	3.2	4.3	1.0								9.9	6.7
E	3.7	11.3	9.2	2.6								31.0	5.9
ESE	5.3	5.7	1.6									12.5	4.2
SE	3.7	1.5	.4		.1							5.2	3.9
SSE	1.1	.5	.2									1.3	3.6
S	2.4	1.2	.7									3.3	3.5
SSW	.6	.1	.4									1.2	4.5
SW	.1	1.1	.2									1.4	4.9
WSW	1.2	.3										1.3	2.8
W	.6	.7										1.3	3.1
WNW	.5	.3										.9	3.1
NW	.9	.5	.1									1.5	3.1
NNW	1.1	.3	.4									3.3	4.5
VARBL													
CALM												15.1	
	31.5	31.2	13.3	3.9	.1							100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
 U. S. AIR FORCE
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1120 HOMESTEAD AFB FL STATION NAME 69-70, 73-74 YEARS 40
 MONTH 11-12-2000
 CLASS ALL WEATHER
 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.2										3.8	3.8
NNE	1.2	.5	.1									1.8	3.1
NE	1.5	1.2	.3									3.9	3.7
ENE	1.1	2.4	1.2	.4								4.8	3.8
E	5.7	12.4	3.2	1.6	.1							76.8	5.8
ESE	3.7	3.8	1.1	.6								9.1	4.3
SE	1.7	1.2	.5	.1								3.5	4.2
SSE	1.3	.6	.1	.1								2.2	3.5
S	2.2	.5	.1									2.7	4.7
SSW	.5	.3										.9	3.5
SW	.3	.1										.2	2.6
WSW	.8	.1	.2									1.1	3.3
W	.3	.1										.9	2.4
WNW	.6	.2		.1								1.8	3.4
NW	.5	.5										.1	3.5
NNW	1.2	.4	.3									1.9	3.8
VARBL													
CALM												75.2	
	26.5	23.5	11.7	3.0	.1							103.6	3.1

TOTAL NUMBER OF OBSERVATIONS 839

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 11426 STATION NAME HOMESTEAD AFB FL YEARS 69-70, 77-80 MONTH AUG
CLASS ALL WEATHER
CONDITION ALL
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	0.3	1.5	0.2	0.1								0.1	3.4
NNE	1.0	0.7	0.2	0.0								0.7	3.6
NE	0.9	0.7	0.2	0.0								0.6	4.0
ENE	1.0	1.9	2.1	1.0	0.1							0.2	7.3
E	3.5	7.3	9.7	3.4	0.2							24.0	7.2
ESE	2.3	5.1	5.6	1.2								14.7	6.4
SE	1.7	2.1	2.0	0.3	0.0							0.1	3.7
SSE	1.1	1.4	1.0	0.1								3.7	3.2
S	1.6	0.9	0.9	0.1								3.3	4.8
SSW	0.3	0.6	0.4	0.2	0.0							1.7	5.7
SW	0.4	0.4	0.4	0.1								1.3	5.7
WSW	0.5	0.3	0.2	0.1								1.0	4.6
W	0.5	0.3	0.2	0.0								1.0	4.6
WNW	0.5	0.2	0.1	0.0								0.7	3.5
NW	0.5	0.4	0.1	0.0	0.0							1.2	4.0
NNW	1.3	0.5	0.3									2.1	3.5
VARBL													
CALM												24.0	
	20.4	24.3	23.5	6.9	0.3							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 7439

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 10-20 HOMESTEAD AFB FL STATION NAME 69-70.73-20 YEARS SEP
 MONTH 1000-0200
 HOURS (L.S.T.)
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	.9	.1		.1							2.9	3.7
NNE	1.4	.1										2.2	2.9
NE	.8	.9	.4									1.8	4.4
ENE	2.0	2.3	.4	.1								4.9	4.3
E	6.1	8.3	4.7	.6								19.7	5.0
ESE	4.3	3.7	1.9	.6								10.4	4.8
SE	1.9	2.2	.6	.1								5.4	4.4
SSE	1.3	.9	.9	.1								3.2	5.0
S	.9	1.1	.2									2.1	3.9
SSW	.7	.1	.3									1.1	3.7
SW	.9	.1	.4									1.4	4.4
WSW	.2											.9	1.9
W	1.1	.2										1.3	2.5
WNW	.8	.1										.9	2.1
NW	.6	.1	.1									.8	2.7
NNW	1.4	1.1	.1	.1								2.8	3.7
VARBL													
CALM												36.1	
	26.9	23.1	10.2	1.6	.1							100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

10026 STATION HOMESTEAD AFB FL 69-70, 73-80 YEARS SEP MONTH 0300-0600 HOURS [L.S.T.]
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	1.4	.1									4.7	3.1
NNE	.9	.9										1.8	3.3
NE	.8	.4										1.2	3.1
ENE	1.6	1.3	.3									3.7	3.9
E	5.1	5.2	3.6	.8								13.9	5.1
ESE	4.6	2.9	2.6	.1								10.1	4.8
SE	1.6	1.8	.6	.1								4.0	4.2
SSE	1.2	.6	.3	.1								2.2	4.1
S	.8	.3	.4									2.0	4.4
SSW	.3	.4	.1									.9	4.5
SW	.3	.1	.1	.1								.7	3.8
WSW	.7	.1										.2	2.4
W	.4	.1										.6	4.6
WNW	.4											.4	2.7
NW	.2	.3		.2	.1							.9	3.1
NNW	1.9	.6										2.3	2.9
VARBL													
CALM												49.9	
	21.8	17.2	7.6	1.4	.1							100.0	2.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17-26 STATION HOMESTEAD AFB FL 62-70, 77-80 YEARS SEP MONTH 1980-1980 HOURS (L.S.T.)
STATION NAME CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	3.2	.2	.1								7.6	3.6
NNE	2.2	1.4	.2									3.7	3.7
NE	.9	.9	.2									1.9	3.9
ENE	.8	1.2	1.0	.1								3.1	5.4
E	2.8	5.1	4.4	.3	.2							12.9	6.6
ESE	2.4	4.2	2.7	.7								10.0	5.8
SE	1.6	1.9	.9									4.3	4.8
SSE	1.0	1.2	.3	.2								2.8	3.1
S	1.8	.9	.7									3.3	4.1
SSW	.9	.9	.2									1.7	3.8
SW	.7	.2	.3									1.2	4.2
WSW	.2	.3	.1									.7	4.7
W	.6	.2	.1		.1	.1						1.1	6.5
WNW	.3				.1							.4	6.0
NW	.7	.3										1.0	2.6
NNW	2.1	1.2	.2									3.6	3.4
VARBL													
CALM												41.1	
	22.0	23.2	11.7	1.4	.4	.1						100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 920

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1-20 HOMESTEAD AFB FL STATION NAME 69-70, 73-80 YEARS SEP MONTH 0900-1100 HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.1	.7	.1								4.1	4.6
NNE	1.1	.8	.8									2.7	4.6
NE	.4	1.1	.9	.6								3.0	6.9
ENE	1.4	2.9	4.1	1.1								9.6	7.1
E	1.9	6.9	11.4	3.2	.3							23.8	7.8
ESE	1.1	3.4	7.9	3.1	.1							15.7	8.3
SE	1.4	2.2	4.0	.6								8.2	6.9
SSE	1.2	1.1	1.3	.3								4.6	5.9
S	1.4	1.9	2.3	.8								6.4	6.5
SSW	.7	1.2	1.1	.3								3.3	6.2
SW	1.1	1.0	.7	.2								3.0	5.3
WSW	.7	.7	.6	.1	.1							2.1	6.1
W	.4	.9	.7	.2	.2							2.4	7.4
WNW	1.0	.6	.3									1.9	4.2
NW	.6	.9	.2									1.7	4.1
NNW	.7	.6	.2									1.4	3.9
VARBL													
CALM												6.7	
	16.4	28.2	37.2	10.7	.8							100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAL

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1-28 STATION HOMESTEAD AFB FL 69-70, 71-80 YEARS 515 MONTH 1-20-1400 HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.4	.6	.1								1.4	5.6
NNE	.1	1.1	.1									1.2	5.3
NE	.2	1.1	.9	.8								3.0	5.5
ENE	.3	.3	4.6	2.9								8.6	9.4
E	.4	6.7	17.8	5.0	.1							29.3	8.6
ESE	.7	4.9	9.4	3.6	.1							18.3	6.4
SE	.3	1.9	4.1	1.7								7.3	7.9
SSE	.6	1.2	3.2	.3								5.3	7.1
S	1.7	2.3	4.3	.7								8.8	7.0
SSW	.5	1.7	2.2	.2								4.0	7.0
SW	.2	.3	.9	.1								2.0	6.7
WSW	.3	.4	.1	.3	.1							1.3	7.3
W	.1	.9	.8	.3	.2							2.3	6.6
WNW	.3	.7	.2	.3								1.6	6.4
NW	.1	.6	.2									.9	5.6
NNW	.3	.6	.2	.1								1.2	5.5
VARBL													
CALM												3.2	
	5.7	25.1	49.7	15.8	.6							100.0	7.8

TOTAL NUMBER OF OBSERVATIONS 920

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFS WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 17026 STATION NAME HOMESTEAD AFB FL YEARS 69-70, 73-81 MONTH SEP
CLASS ALL WEATHER 1500-1700
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.9	.7									2.3	5.1
NNE	.6	.3	.1									1.0	4.1
NE	.9	1.1	1.2	1.0								4.2	7.1
ENE	.7	2.7	4.2	2.4								9.3	5.5
E	1.8	6.6	13.2	6.6	.1							28.2	8.3
ESE	1.4	7.2	7.3	1.2								17.0	6.9
SE	.6	2.7	3.3	.7								7.4	7.0
SSE	2.0	2.1	1.4	.1								5.7	5.1
S	.9	2.3	2.6	.3								6.1	6.3
SSW	.7	1.0	1.2	.2								3.1	6.1
SW	.2	.9	1.1	.1	.1							2.4	7.4
WSW	.3	.6	.3	.1	.2							1.6	7.3
W	.2	.9	.3	.6	.1							2.7	6.9
WNW	.1	.4	.3	.1								1.0	5.4
NW	.2	.3	.2									.8	5.0
NNW	.3	1.0	.4	.1								1.9	5.6
VARBL													
CALM												5.2	
	12.4	30.1	33.1	13.6	.6							100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 920

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 17-00 HOMESTEAD AFB FL STATION NAME 67-70, 73-80 YEARS SEP
MONTH 1870-2000
HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	1.4	.1	.2								2.0	4.6
NNE	.7	1.2	.2	.3								2.4	5.0
NE	.9	1.4	.6	.3								3.1	5.7
ENE	2.0	4.1	3.7	.6								10.3	6.1
E	3.4	11.4	8.3	.3								26.6	5.2
ESE	3.4	3.2	.0	.3								7.9	4.2
SE	5.2	2.4	.8									5.4	4.4
SSE	1.6	1.4	1.0	.1								4.1	4.8
S	3.5	1.4	.4	.1								5.0	3.7
SSW	1.1	.4	.2									1.8	3.8
SW	.4	.2	.1	.1								.9	4.9
WSW	.7	.9	.2	.2								2.0	4.9
W	1.0	.7	.1		.1							1.9	4.6
WNW	.6	.3	.1									1.0	3.1
NW	.2	.4	.1									.8	4.3
NNW	.8	.7	.1		.1							1.7	4.5
VARBL													
CALM												20.1	
	28.1	31.9	17.0	2.7	.2							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 10-20 HOMESTEAD AFB FL STATION NAME 69-70, 73-80 YEARS SEP
MONTH 2100-2300
HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	1.2	.1									3.9	3.1
NNE	1.7	.9	.1	.3								3.0	4.4
NE	.4	1.1	.7	.1	.1							2.3	5.3
ENE	2.6	3.2	1.9	.2								8.6	5.0
E	6.1	7.7	7.6	1.0								24.3	5.3
ESE	3.2	3.1	1.3	.1								7.6	4.6
SE	2.4	2.6	.3	.2								5.6	4.2
SSE	1.2	.7	.1	.1								2.1	3.6
S	1.8	1.7	.3									3.1	3.6
SSW	1.4	.1										1.6	2.4
SW	1.7	.3		.3								1.7	4.5
WSW	1.2	.4										1.7	2.6
W	.4	.2										.7	3.0
WNW	.3	.1										.4	2.5
NW	.3	.2										.6	2.6
NNW	.9	.4										1.3	3.4
VARBL													
CALM												31.7	
	29.4	23.9	12.4	2.4	.1							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 970

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

11-20 STATION HOMESTEAD AFB FL

STATION NAME

69-70, 73-80

YEARS

SEP
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.5	.3	.1	.0							3.7	4.0
NNE	1.1	.9	.2	.1								3.3	4.2
NE	.6	.9	.6	.3	.0							2.5	6.2
ENE	1.4	2.4	2.5	.9								7.2	6.6
E	4.3	7.1	8.8	2.2	.1							22.6	6.6
ESE	2.6	4.1	4.2	1.2	.2							12.1	6.4
SE	1.5	2.3	1.3	.3								6.0	5.8
SSE	1.3	1.2	1.1	.2								3.7	5.3
S	1.4	1.5	1.4	.2								4.6	5.5
SSW	.8	.6	.7	.1								2.2	5.3
SW	.6	.5	.5	.1	.0							1.7	5.6
WSW	.6	.4	.2	.1	.1							1.4	5.0
W	.6	.5	.2	.1	.1	.0						1.6	5.1
WNW	.3	.3	.1	.1	.0							1.0	4.4
NW	.4	.4	.1	.0	.0							.9	4.4
NNW	1.0	.8	.2	.0	.0							.0	4.0
VARB													
CALM												24.5	
	20.6	25.3	23.0	6.2	.4	.0						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS

7200

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 120 STATION HOMESTEAD AFB FL STATION NAME 69-70.73-50 YEARS 001 MONTH 0000-0000
CLASS ALL WEATHER HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	6.1	3.1	.2								12.5	5.1
NNE	.6	.2	.5	.2								2.2	5.7
NE	.9	1.5	2.6	1.7								6.7	8.3
ENE	.9	3.1	4.0	2.7	.4							11.1	8.3
E	2.9	5.3	6.2	2.3								18.7	6.9
ESE	1.5	1.4	1.3									4.2	5.0
SE	.3	.6	.2									1.2	4.5
SSE	.3	.3										.5	3.7
S	1.1	.4	.1									1.6	3.1
SSW	.3	.1										.4	2.5
SW	.2	.2	.1									.6	3.7
WSW	.6	.1										.8	2.1
W	.6	.4										1.1	3.3
WNW	.6	.2		.1								1.2	3.6
NW	1.1	.4										1.5	2.4
NNW	2.6	4.7	.9									8.2	4.2
VARBL													
CALM												29.8	
	17.7	25.8	19.0	7.2	.4							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1926 STATION HOMESTEAD AFB FL 69-70, 73-80 YEARS OCT MONTH 1300-1500 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.2	8.1	3.2	.4								17.5	4.7
NNE	.6	1.1	1.1	.6								3.4	6.9
NE	.2	1.1	2.0	1.2	.1							5.3	9.2
ENE	.0	3.0	3.4	1.6	.2							8.9	7.9
E	2.0	3.4	4.4	.9								10.8	6.7
ESE	1.2	1.3	.8	.2								4.0	5.2
SE	.3	.7	.3									1.5	4.6
SSE	.4	.5	.2									1.2	4.2
S	.4	.5										1.0	3.3
SSW	.2											.2	2.0
SW	.8											.8	1.7
WSW	.2											.2	2.0
W	.8											.8	1.7
WNW	.4	.4	.1									1.0	3.9
NW	1.1	.3	.3									1.7	3.7
NNW	3.9	5.2	1.1	.2								10.3	4.4
VARBL													
CALM												31.5	
	19.1	26.2	17.0	5.8	.3							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1-22 STATION HOMESTEAD AFB FL 69-70, 73-80 YEARS OCT MONTH 1600-2000 HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	6.9	12.3	4.1	.4								23.7	4.9
NNE	2.3	2.4	.9	.4								5.9	4.8
NE	1.1	1.1	1.9	1.3	.3							5.7	6.1
ENE	.9	2.2	3.7	2.3	.1							6.9	6.5
E	.9	4.2	4.2	1.6								10.9	7.4
ESE	.5	1.7	1.3									3.5	3.6
SE	.5	.4		.1								1.2	3.9
SSE	.3	.3	.1	.1								1.3	4.0
S	.1	.2										.3	4.0
SSW	.4											.4	2.6
SW	.5	.1										.6	2.3
WSW	.1	.1										.2	3.5
W	.6	.1										.9	2.4
WNW	.5	.8										1.3	3.7
NW	.5	1.1										1.6	4.2
NNW	2.2	4.4	2.4	.4								9.4	3.5
VARBL													
CALM												24.2	
	18.9	31.3	18.5	6.7	.4							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 930

JOINT CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE / MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1 126 STATION HOMESTEAD AFB FL 62-70, 73-74 YEARS 201 MONTH 1973-1974 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	5.5	4.5	2.5								14.1	7.4
NNE	.6	3.7	2.9	1.0	.1							7.3	7.1
NE	.6	1.5	3.4	5.1	1.1	.1						11.3	10.8
ENE	.8	2.1	6.1	7.5	.6							17.1	10.3
E	.6	2.2	8.7	4.5	.1							16.0	9.2
ESE	.3	.2	3.2	.5								4.5	8.2
SE	.3	1.3	1.1	.2								3.5	6.5
SSE	.3	.6	.6	.1								1.7	5.4
S	.2	.2	.2									1.2	6.5
SSW	.2	.2	.6	.1								1.7	5.7
SW	.2	.5	.4									1.2	5.9
WSW	.4	.6										1.1	3.6
W	.0	1.1	.6									2.0	5.2
WNW	.5	.3	.2	.1								1.0	4.5
NW	.4	.6	.2	.2								1.5	5.8
NNW	1.1	1.6	2.7	1.1								6.5	7.1
VARBL													
CALM												5.2	
	9.9	23.9	36.1	22.9	1.9	.1						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1-12 HOMESTEAD AFB FL STATION NAME 69-70, 73-8 YEARS 067 MONTH 1200-1400
CLASS ALL WEATHER HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.1	1.3	1.5	.1							4.3	9.0
NNE	.2	.1	1.0	1.0	.2							3.7	10.5
NE	.2	.3	2.4	7.6	1.6	.4						1.3	13.2
ENE	.3	1.6	8.9	9.7	1.3	.1						21.9	11.2
E	.1	3.1	13.2	7.4	.3							24.2	9.7
ESE	.4	2.6	4.3	1.1								8.4	7.9
SE	.2	1.7	1.5	.1								2.3	7.2
SSE	.1	1.3	1.1	.2								3.3	6.6
S	.3	1.3	1.6	.2								3.4	6.9
SSW	.2	.4	.8	.2								1.5	7.4
SW	.4	.2	.8	.3								1.7	6.4
WSW	.2	.3	.4	.1								1.1	6.6
W	.1	1.3	.6	.1								2.2	6.5
WNW	.8	.5	.3									1.8	4.6
NW	.5	1.7	.9	.2								2.6	6.3
NNW	.9	1.6	1.6	.8								4.8	7.0
VARBL													
CALM												1.2	
	5.6	18.1	40.2	30.5	3.9	.5						100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1-24 HOMESTEAD AFB FL STATION NAME 69-70.73-80 YEARS 201 MONTH 1500-1700
CLASS ALL WEATHER HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	1.3	2.2	1.1								5.3	7.9
NNE	.1	.6	.3	1.5	.1							1.1	19.7
NE	.1	.6	4.5	2.8	1.6							15.7	12.2
ENE	.4	3.7	9.2	8.6	.3	.1						21.7	18.0
E	.9	5.6	13.0	3.4	.1							23.0	8.2
ESE	.8	2.3	2.9									5.9	6.5
SE	.4	1.0	.9									3.1	5.4
SSE	.3	1.2	1.4									2.9	4.5
S	.5	1.5	1.1	.1								3.2	5.9
SSW	.1	1.0	1.5	.1								2.7	7.1
SW	.5	.9	1.1									2.5	5.6
WSW	.1	.5	.3									1.2	5.9
W	.8	1.3	.6									2.7	4.9
WNW	.1	.3	.6									1.1	9.5
NW	.5	.5	.3	.1								1.5	5.6
NNW	.3	1.0	1.5	.2								3.0	7.2
VARBL													
CALM												1.6	
	6.8	23.4	41.9	24.0	2.2	.1						120.0	8.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1028 STATION HOMESTEAD AFB FL 60-70.73-25 001 MONTH
ALL WEATHER CLASS 1800-0100 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.5	2.9	2.4	.4	.1							7.3	6.0
NNE	.4	2.6	3.2	1.5								7.0	7.8
NE	1.1	4.2	6.7	4.5	.9							16.9	9.0
ENE	1.0	7.5	6.5	2.9	.4							18.7	7.4
E	3.7	7.3	5.3	1.2								17.4	6.0
ESE	1.3	.9	.3									2.4	3.5
SE	.5	.4	.2									1.2	4.5
SSE	1.3	.3	.1									1.7	2.9
S	1.5	1.4	.1									3.0	3.4
SSW	1.1	.9										1.9	3.3
SW	.5	.5	.2									1.3	3.9
WSW	1.2	.3										1.3	3.0
W	.8	1.7	.3									2.0	4.6
WNW	.6	.3	.1	.1								1.2	4.6
NW	.1	.2	.3									.6	6.0
NNW	.5	.8	.3									1.6	4.5
VARBL													
CALM												14.5	
	17.8	30.9	25.8	9.6	1.4							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 930

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

11-26
STATION

HOMESTEAD AFB FL
STATION NAME

69-70-73-40
YEARS

01
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	5.1	3.5									11.4	5.4
NNE	1.2	2.5	1.8	.4	.2							6.2	5.5
NE	1.2	2.5	2.1	2.5	.2							7.4	5.3
ENE	2.2	3.8	6.6	2.6	.4	.1						15.6	6.0
E	3.5	7.4	6.2	1.9	.1							17.2	6.5
ESE	.8	1.2	.8									2.7	5.3
SE	.9	1.0										1.8	3.6
SSE	.6	.1										.5	2.1
S	.9	.3										1.2	2.8
SSW	.5											.5	2.0
SW	.6											.6	2.5
WSW	1.1	.4										1.5	2.9
W	.6	.7	.1									1.6	3.8
WNW	1.1	.3	.1									1.5	3.1
NW	.5	.3										.9	3.5
NNW	1.4	2.2	.6									4.1	4.4
VARBL													
CALM												22.9	
	19.7	27.4	21.8	7.0	1.1	.1						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 11520 HOMESTEAD AFB FL STATION NAME 69-70.73-00 YEARS 201
MONTH ALL
HOURS (L.S.T.) ALL
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	5.3	3.1	.9	.1							12.0	5.7
NNE	.8	1.7	1.5	.8	.1							4.3	7.2
NE	.6	1.6	3.2	4.7	.7	.1						12.3	10.4
ENE	1.2	3.2	6.0	4.7	.5	.0						15.5	9.2
E	1.8	4.9	7.6	2.9	.1							17.4	7.7
ESE	.3	1.6	1.8	.2								4.5	6.3
SE	.5	.9	.9	.1								2.0	5.5
SSE	.5	.6	.4	.1								1.6	5.2
S	.6	.7	.5	.0								1.9	4.9
SSW	.5	.3	.3	.1								1.2	5.3
SW	.5	.3	.7	.0								1.2	4.6
WSW	.5	.3	.1	.0								.9	3.9
W	.7	.8	.3	.0								1.7	4.6
WNW	.6	.5	.2	.0								1.3	4.3
NW	.6	.6	.3	.1								1.5	4.8
NNW	1.6	2.7	1.4	.3								6.0	3.4
VARBL													
CALM												15.4	
	14.4	25.2	27.6	14.2	1.5	.1						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1 428 STATION HOMESTEAD AFB FL 69-70, 73-90 YEARS NOV
MONTH
ALL WEATHER CLASS 0000-2400
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.	7.9	5.1	1.7								13.7	5.9
NNE	1.1	.3	.6	.1								2.0	5.0
NE	.6	.8	.9	.6	.1							2.9	5.1
ENE	.9	2.1	4.8	.6								3.2	7.5
E	2.9	5.2	6.8	1.7								15.9	6.7
ESE	.9	4.1	2.2									7.2	5.6
SE	.3	1.	.3									2.1	4.4
SSE	.7	.2										1.4	3.3
S	.7	.2										.9	2.9
SSW	.7											.7	2.5
SW	.6	.1										.7	2.8
WSW	.3	.2										.6	3.0
W	.3	.1										.4	3.0
WNW	1.2	.1										1.3	2.3
NW	2.3	.8	.1									3.2	2.9
NNW	1.9	3.0	2.1	.3								7.3	5.6
VARBL													
CALM												25.9	
	19.8	27.1	22.9	4.2	.1							102.0	4.3

TOTAL NUMBER OF OBSERVATIONS 420

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1-20 STATION HOMESTEAD AFB FL STATION NAME 69-70.73-80 YEARS NOV
MONTH 300-0500
HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	0.6	1.8	6.7	1.4								24.8	5.5
NNE	1.7	1.0	.1									2.1	3.9
NE	.3	.6	.7	.8	.1							2.4	4.0
ENE	1.2	2.0	3.0	.8								7.0	6.7
E	1.6	4.9	4.8	1.0								12.2	6.5
ESE	2.2	3.3	2.4									8.3	5.2
SE	.9	.9										1.7	3.3
SSE	.0	.4										1.3	3.1
S	.6	.6										1.1	3.7
SSW	.6	.4										1.0	2.6
SW		.1	.1									.2	3.5
WSW	.1	.1										.2	4.0
W	.7											.7	2.0
WNW	.7	.3										1.0	2.8
NW	1.0	.3	.1									1.4	3.2
NNW	4.4	3.8	2.1	.6	.1							11.0	5.0
VARBL													
CALM												23.8	
	22.7	29.4	19.3	4.6	.2							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 400

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

11-20 STATION HOMESTEAD AFB FL 69-70.73-20 YEARS NOV
STATION NAME MONTH
ALL WEATHER CLASS 0600-0600
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.3	11.2	8.7	2.8								23.9	6.1
NNE	1.2	.9	.7									2.4	4.0
NE	.7	.7	1.1	.4								2.9	7.0
ENE	1.1	1.6	2.7	1.7								7.0	7.8
E	2.3	4.6	2.3	.6								12.8	6.2
ESE	1.1	2.2	1.7	.1								5.1	5.9
SE	.6	1.4	.6									2.6	5.2
SSE	.6	.4	.2									1.2	4.4
S	1.0	.3										1.3	2.4
SSW	.3	.2										.6	3.2
SW		.2										.2	3.5
WSW	.2	.2										.4	3.5
W	.3	.1	.1									.6	4.0
WNW	.3	.2										1.0	3.1
NW	.2	.3										.6	3.4
NNW	2.6	3.3	1.3	.9	.1							8.2	5.8
VARBL													
CALM												23.2	
	20.0	28.6	21.7	6.4	.1							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1020 STATION HOMESTEAD AFB FL 69-70.73-30 YEARS NOV
MONTH
CLASS ALL WEATHER
HOURS (L.S.T.) 0900-1100
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	5.2	2.1	7.6	.1							23.7	9.0
NNE	.4	3.2	2.3	.6								3.6	6.6
NE	1.1	.2	1.1	.7	.2							3.9	7.6
ENE	.3	1.3	3.9	6.7	.3							13.0	10.9
E	.3	3.3	2.4	6.1								12.2	9.3
ESE	.4	1.9	4.8	1.8								8.9	8.5
SE		1.1	2.2	.7								4.0	6.3
SSE	.3	.3	2.4	.2								3.3	7.2
S	.6	1.2	.4	.2								2.2	5.9
SSW	.2	.5	.3	.1								1.2	6.1
SW	.3		.3	.1								.8	6.0
WSW		.4	.3									.8	7.3
W	.1	.3	.1									1.0	5.1
WNW	.4	.5	.2									1.2	4.4
NW	.2	1.2	.4									1.9	5.2
NNW	.9	1.2	2.4	1.1	.1	.1						5.9	3.2
VARBL													
CALM												3.3	
	6.9	24.1	38.9	25.8	1.2	.1						100.3	8.3

TOTAL NUMBER OF OBSERVATIONS 970

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

10020
STATION

HOMESTEAD AFB FL
STATION NAME

69-70, 73-80
YEARS

NOV
MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.2	4.7	4.9	.1							11.9	9.8
NNE	.1	1.1	2.1	1.1								4.4	5.8
NE		.3	2.0	3.2	.2							5.8	11.7
ENE		.7	7.0	10.9	1.0							19.6	11.6
E	.3	2.4	14.4	6.1								23.3	9.3
ESE	.1	2.6	4.2	1.8								8.7	8.5
SE	.2	1.3	2.9	.7								5.2	7.8
SSE		.3	1.8	.2								2.8	8.4
S	.4	1.0	1.4	.6								3.4	7.3
SSW	.8	.5	.6									1.9	4.6
SW	.2	.6	.8	.1								1.7	7.0
WSW	.2	.6	.3									1.1	5.3
W	.4	.7	.4	.1								1.7	6.1
WNW	.2	.7	.1									1.0	4.7
NW	.1	.8	1.0									1.9	5.5
NNW		1.2	1.9	2.1	.2							5.4	9.9
VARBL													
CALM												.2	
	3.8	17.0	45.7	31.8	1.6							120.0	9.4

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

15220 STATION HOMESTEAD AFB FL 62-70, 73-60 YEARS NOV MONTH
ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	1.3	4.2	2.2	.1							5.7	9.1
NNE	.1	.9	1.2	1.0								2.9	9.3
NE	.1	.9	4.1	4.6	.3							10.0	10.6
ENE	.2	2.7	12.2	7.4								22.6	9.6
E	1.3	5.7	11.4	2.8	.1							21.3	7.9
ESE	.6	3.1	4.2	.6								8.4	6.9
SE	.8	1.7	2.3	.1								4.9	6.5
SSE	.2	1.2	1.8	.1								3.3	6.7
S	.2	1.9	1.7									3.8	6.4
SSW	.1	.7	.9									1.7	6.5
SW	.3	.3	.6	.1								1.3	6.7
WSW		.1	.1	.1								.3	8.0
W	.2	1.1	.3									1.6	5.0
WNW	.3	.7	.1									1.1	4.4
NW	.4	.6	.3	.3								1.7	6.5
NNW	.8	2.0	2.3	.8								5.9	7.0
VARBL													
CALM												.6	
	6.1	24.8	47.9	20.1	.6							100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

17526 STATION HOMESTEAD AFB FL STATION NAME 60-70, 73-80 YEARS NGV MONTH 1800-2000 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	4.1	5.0	1.3								13.7	6.5
NNE	.9	3.1	.8	.3								5.1	5.5
NE	1.6	4.1	4.2	1.0								10.9	6.7
ENE	3.5	6.0	6.6	1.6	.1							17.7	6.4
E	3.9	7.0	4.0	.6								16.4	5.2
ESE	1.9	2.0	.1	.1								4.1	3.9
SE	2.2	.6	.2									3.0	3.0
SSE	1.0	.9										1.9	3.2
S	1.3	1.1										2.5	3.2
SSW	.8	.6	.1									1.4	3.5
SW	1.1	.4	.1									1.7	3.0
WSW	.2	.3		.1								.8	4.7
W	1.1	1.1	.1									2.3	3.0
WNW	.8	.7										1.4	3.3
NW	.4	.1	.3									.9	5.0
NNW	1.3	1.8	.7	.2								4.0	4.9
VARBL													
CALM												12.0	
	25.4	34.9	22.3	5.2	.1							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 897

GENERAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1-26 STATION HOMESTEAD AFB FL 67-70, 73-50 YEARS NOV MONTH
CLASS ALL WEATHER 2100-2300 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.6	6.7	5.9	1.4		.1						17.7	6.3
NNE	1.9	1.1	.2	.1								3.3	4.1
NE	.9	1.1	2.0	.8								4.8	7.2
ENE	1.7	3.5	4.1	2.1	.2							11.7	7.7
E	4.1	5.2	6.9	1.9	.1							19.3	6.5
ESE	1.7	1.9	1.2	.3								4.9	5.1
SE	1.2	.7	.3									2.2	3.4
SSE	1.1	.1	.1									1.3	2.9
S	.7	.3										1.0	3.6
SSW	.1											.1	1.0
SW	.8	.2										1.0	2.8
WSW	.6	.2										.8	2.7
W	1.4	.7										2.1	3.1
WNW	.8	.8										1.6	3.1
NW	.6	.3	.1									1.0	3.4
NNW	2.1	1.1	1.7	.6								5.4	5.7
VARBL													
CALM												21.7	
	23.2	25.0	22.4	7.2	.3	.1						102.0	4.6

TOTAL NUMBER OF OBSERVATIONS 897

GENERAL CLIMATOLOGY BRANCH
USAFETAC
ALL WEATHER SERVICE/MAL

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 1 75 STATION NAME HOMESTEAD AFB FL YEARS 69-70, 73-75 MONTH NOV
CLASS ALL WEATHER HOURS (L.S.T.) ALL
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	6.3	5.7	2.9	.7	.7						15.0	6.9
NNE	.9	1.5	1.7	.4								3.5	0.1
NE	.7	1.2	2.1	1.5	.1							5.4	0.6
ENE	1.1	2.5	5.5	4.7	.3							13.3	0.9
E	2.1	5.7	7.8	2.5	.7							17.4	7.4
ESE	1.1	2.6	2.6	.6								6.9	0.5
SE	.3	1.1	1.1	.2								3.2	0.0
SSE	.6	.7	.3	.1								1.1	0.7
S	.7	.8	.4	.1								2.0	0.1
SSW	.4	.4	.2	.0								1.1	0.5
SW	.4	.3	.2	.0								.9	0.0
WSW	.2	.3	.1	.0								.6	0.0
W	.6	.6	.1	.1								1.3	0.2
WNW	.7	.5	.1									1.2	0.4
NW	.7	.6	.3	.0								1.6	0.5
NNW	1.3	2.2	1.8	.8	.1	.0						0.5	0.3
VARBL													
CALM												13.6	
	16.0	26.4	30.1	13.2	.5	.0						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 7194

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFD WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 1-528 STATION NAME WHEELS AFB FL YEARS 63-70, 73-79 MONTH DEC
CLASS ALL WEATHER
CONDITION
HOURS (L.S.T.) 0000-1900

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.8	7.7	4.7	1.9								1.8	5.2
NNE	1.5	1.7	.1									2.6	3.2
NE	1.7	.5	.6	.2								2.4	3.7
ENE	1.2	.1	.8	.8								2.2	6.8
E	1.4	4.2	3.7	2.2								11.2	7.1
ESE	1.2	3.1	2.6	.3								7.2	6.5
SE	1.4	1.7	1.5									4.7	5.1
SSE	.5	.8	.4	.1								1.8	5.4
S	1.9	.8	.2									2.9	3.3
SSW	.9	.2										1.1	2.7
SW	.3	.4	.3									1.1	5.2
WSW	.4	.7	.1									.9	3.4
W	.7	.1	.1									.5	4.7
WNW	1.2	.5	.4									2.2	4.1
NW	1.7	1.3	.5									2.3	4.3
NNW	2.5	4.7	2.2	.9								9.5	5.8
VARBL													
CALM												78.3	
	21.8	26.6	17.2	6.3								100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 73

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

1. 20 STATION HOMESTEAD AFB FL STATION NAME 64-70, 73-79 YEARS DEC MONTH 1900-1900 HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	7.2	3.9	4.7	1.7								22.5	5.3
NNE	.6	.2	.1	.1								1.5	4.1
NE		.2	.6	.4								1.3	4.6
ENE	.6	.3	1.2	.5								2.7	7.4
E	2.2	2.3	3.4	1.6								10.0	6.8
ESE	1.5	2.4	1.7	.1								5.7	5.3
SE	1.6	1.6	.6									3.9	4.3
SSE	1.5	1.7	.6	.1								2.2	4.5
S	1.7	.9	.4									2.3	4.2
SSW	.3	.3	.4									1.1	4.9
SW	.5	.2	.1									.9	3.0
WSW		.1										.2	4.5
W	.5	.4	.2									1.3	4.7
WNW	.2	.2	.1	.1								.3	5.9
NW	1.2	.3	.4	.1								2.5	4.7
NNW	2.9	3.7	2.6	.8								9.9	5.6
VARBL													
CALM												70.2	
	22.2	24.6	17.4	5.6								100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 531

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1-20 STATION HOMESTEAD AFB FL 60-70, 73-79 YEARS DEC MONTH
CLASS ALL WEATHER 1600-0000 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	7.7	12.2	6.2	1.9								25.2	5.6
NNE	1.9	1.6	.2									3.7	3.7
NE	.5	.4	.4	.2								1.6	0.1
ENE	.6	.5	1.7	.5								3.0	7.5
E	1.5	2.5	3.4	1.5								3.9	7.3
ESE	1.7	1.9	1.5	.3								5.5	5.4
SE	1.3	1.4	1.7									3.7	4.9
SSE	1.5	.5	.3									2.5	3.4
S	.9	1.2	.6									2.7	5.0
SSW	.4	.3	.3	.1								1.2	5.6
SW	.2	.6	.4	.2								1.5	6.6
WSW	.4	.4										.9	3.5
W	.4	.3	.1									.9	5.9
WNW	.1	.1	.1	.2								.5	7.4
NW	.1	.8	.4	.2								1.5	6.5
NNW	2.1	4.1	2.2	.5								3.8	5.5
VARBL													
CALM												78.1	
	20.6	26.9	18.6	5.8								100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 935

GEORGE CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 11800 HOMESTEAD AFB FL STATION NAME 65-74, 77-79 YEARS 65-74, 77-79 MONTH ALL MONTHS
CLASS ALL MONTHS HOURS (L.S.T.) ALL MONTHS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	8.3	1.6	4.2	.1							7.1	7.7
NNE	1.4	3.7	2.4	.3								7.1	6.4
NE	1.1	.5	.5	1.6	.1							4.6	4.4
ENE	.3	.6	2.4	1.7	.5							4.8	4.6
E	.4	2.7	6.6	4.7								11.7	9.3
ESE	.8	1.7	4.2	1.7								3.4	4.3
SE	.1	1.4	2.7	.4	.1							4.7	7.9
SSE	.6	.9	2.8	.3								4.0	7.2
S	.2	1.2	2.7	1.4								4.9	9.7
SSW	.4	.4	.9	.6								2.4	11.2
SW	.1	.3	.6	.1	.1							1.3	3.3
WSW	.3	.2	.4		.1							1.5	5.6
W	.5	.3	1.7	.2								2.0	8.7
WNW	.2	.3	.8	.1								1.4	7.3
NW	.3	.4	.9	1.0	.1							2.6	9.1
NNW	.4	1.8	2.5	1.2								5.9	7.7
VARBL													
CALM												5.7	
	9.6	24.3	41.1	16.2	1.2							115.6	7.6

TOTAL NUMBER OF OBSERVATIONS 93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

10-26 STATION HOMESTEAD AFB FL STATION NAME 62-72, 73-79 YEARS DEC MONTH 1000-1400 HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 54	%	MEAN WIND SPEED
N	.5	2.2	4.9	5.1	.3							11.1	5.1
NNE	.4	1.5	2.3	.6								4.8	7.9
NE	.1	1.1	1.8	2.5	.1							5.6	10.3
ENE	.3	1.2	4.2	3.1	.4	.1						9.4	10.1
E	.6	2.8	11.3	6.3	.3							21.4	7.4
ESE	.4	1.3	4.2	2.6								3.5	9.2
SE	.1	1.3	3.9	1.7		.1						6.7	5.6
SSE	.4	1.3	1.6	.8								4.1	7.7
S		1.4	2.3	1.2								4.6	8.8
SSW		.4	1.6	2.2	.2							4.4	10.7
SW		.5	1.3	1.0								2.8	9.1
WSW		.5	.3	.6								1.5	6.7
W		.4	1.1	.6								2.2	2.8
WNW	.2	.3	.6	.9								2.0	5.5
NW		.5	2.8	.8	.1							4.2	9.1
NNW	.1	1.6	2.7	1.6	.4							5.6	9.4
VARBL												1.2	
CALM													
	3.3	18.4	46.1	28.8	1.9	.2						100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17-05 STATION HOMESTEAD AFB FL STATION NAME 68-70, 73-79 YEARS DEC
MONTH 1968-1969
CLASS ALL WEATHER
HOURS [L.S.T.]
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	1.3	3.4	2.0	.1							7.6	8.8
NNE	.1	1.0	2.2	1.5	.1							4.9	9.2
NE	.2	.5	2.5	2.5								5.7	9.9
ENE	.2	3.1	5.3	3.2	.4							12.4	9.0
E	.0	7.0	10.8	3.2	.1							21.9	7.9
ESE	.4	3.3	1.0	.8								9.3	8.8
SE	.6	2.5	2.8	.5								6.5	7.0
SSE	.4	1.4	1.7	.4								4.0	6.9
S		3.2	1.7	.4								5.4	6.8
SSW		.9	3.8	.4	.1							5.1	8.7
SW	.1	.5	1.2	.3	.1							2.3	8.5
WSW	.2	.1	.3	.4								1.5	9.0
W	.2	.5	.6	1.0								2.4	9.0
WNW	.1	.5	.8	.9	.1							2.4	9.1
NW		.3	1.0	.5								2.3	8.1
NNW	.9	1.9	2.8	1.5								7.0	8.0
VARBL													
CALM												1.0	
	4.6	29.5	44.2	19.7	1.1							100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 93

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

17426 STATION HOMESTEAD AFB FL 65-70, 73-79 YEARS DEC MONTH 1960-1960 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 53	≥ 56	%	MEAN WIND SPEED
N	2.4	5.5	3.4	1.5								12.5	6.0
NNE	1.3	1.7	1.1	.1								4.2	5.3
NE	1.7	2.6	1.3	.5								6.7	5.8
ENE	2.7	4.5	1.9	1.3								10.3	5.7
E	3.1	4.4	4.6	1.4								13.6	6.2
ESE	1.3	2.3	.8									4.3	4.6
SE	1.8	.9	.6	.2								3.6	4.4
SSE	1.5	1.1	.2									2.8	3.6
S	1.9	1.3		.1								3.3	3.5
SSW	1.3	1.5	.2									3.0	3.8
SW	1.4	1.2	.2									2.6	4.0
WSW	.3	.4										.8	3.1
W	.6	1.7	.4	.2								3.0	5.1
WNW	.2	1.0	.4	.2								2.4	5.3
NW	.4	1.1	.3	.2								2.0	6.0
NNW	.9	2.6	.8	.3	.1							4.6	6.0
VARBL													
CALM												18.6	
	24.6	33.7	16.5	6.1	.1							100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 928

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 17426 STATION NAME HOMESTEAD AFB FL YEARS 68-72, 73-79 MONTH DEC
CLASS ALL WEATHER HOURS (L.S.T.) 21.0-23.00
CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.6	6.5	5.8	1.0								10.4	6.1
NNE	1.4	.9	.6	.3	.1							3.3	5.5
NE	1.1	1.3	.6	.3								3.3	5.4
ENE	1.3	1.0	1.3	.6	.1	.1						4.4	7.3
E	2.7	4.7	4.6	2.2	.1							14.3	7.0
ESE	1.0	2.0	1.1									4.1	5.0
SE	1.7	.6	1.3									3.7	4.6
SSE	1.7	.5	.1									2.4	3.1
S	.8	.6	.3									1.7	4.3
SSW	1.2	.3	.1									1.6	2.5
SW	.6	.2										.9	3.1
WSW	.4	.4										.9	3.0
W	.4	1.2		.1								1.7	4.4
WNW	1.4	1.4	.4									3.2	4.4
NW	1.2	1.2	.3	.2								2.7	5.2
NNW	2.0	2.8	2.6	.2								7.7	5.6
VARBL													
CALM												27.2	
	22.3	25.8	19.3	5.0	.3	.1						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 927

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 17424 HOMESTEAD AFB FL STATION NAME 68-70, 73-79 YEARS 265 MONTH ALL
CLASS ALL HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.6	6.4	5.4	2.2	.1							17.6	6.5
NNE	1.1	1.4	1.1	.4	.5							4.0	6.1
NE	.7	.4	1.1	1.0	.7							3.8	7.9
ENE	.9	1.5	2.3	1.4	.2	.7						6.3	9.1
E	1.7	3.5	6.6	2.8	.1							14.4	7.8
ESE	1.7	2.3	2.4	.7								6.5	6.7
SE	1.1	1.3	1.8	.3	.7	.7						4.5	6.2
SSE	1.7	.9	1.7	.2								3.2	3.6
S	.8	1.3	1.5	.4								3.5	6.2
SSW	.6	.5	.9	.4	.7							2.5	7.1
SW	.4	.5	.5	.2	.7							1.7	6.5
WSW	.3	.3	.2	.1	.7							1.0	5.9
W	.4	.6	.4	.3								1.7	6.3
WNW	.5	.6	.5	.3	.7							1.9	6.4
NW	.5	.8	.8	.4	.7							2.6	6.9
NNW	1.5	2.8	2.2	.9	.1							7.4	6.5
VARBL													
CALM												17.5	
	16.1	26.2	27.6	11.9	.6	.0						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 7435

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1-226 STATION HOMESTEAD AFB FL 65-73.73-20 ALL MONTH ALL HOURS (L.S.T.)
STATION NAME YEARS
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	3.4	2.6	1.0	.0	.0						5.2	6.2
NNE	.4	1.7	.6	.2	.0	.0						2.6	5.8
NE	.5	.8	1.0	1.0	.1	.0						3.4	6.5
ENE	.4	1.3	2.9	2.1	.2	.0						7.9	8.4
E	2.4	5.1	7.3	2.9	.1	.0						17.8	7.4
ESE	1.9	3.4	3.8	1.1	.0	.0						10.2	6.7
SE	1.2	1.9	2.1	.5	.0	.0						5.6	6.4
SSE	1.1	1.3	1.4	.3	.0	.0						4.2	6.1
S	1.3	1.4	1.4	.4	.0	.0						4.6	6.5
SSW	.7	.7	.7	.3	.0	.0						2.5	6.5
SW	.5	.5	.4	.2	.0	.0						1.7	6.1
WSW	.5	.4	.3	.2	.0	.0						1.4	5.9
W	.7	.7	.6	.3	.0	.0						2.3	6.4
WNW	.6	.5	.3	.1	.0	.0						1.6	5.6
NW	.5	.6	.5	.2	.0	.0						1.8	5.7
NNW	1.3	1.7	1.2	.5	.0	.0						4.6	5.9
VARBL													
CALM												18.6	
	17.1	25.1	27.1	11.2	.8	.0						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 87635

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

1-25 STATION HOMESTAD AFB FL 63-70.73-20 YEARS ALL
MONTH ALL
INSTRUMENT CIG 200 TO 1400 FT w/ VSBY 1/2 MI OR MORE.
CLASS AND/OR VSBY 1/2 TO 2-1/2 MI w/CIG 200 FT OR MORE.
CONDITION ALL
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.5	7.1	10.6	6.4	.2	.1						76.9	6.4
NNE	.9	1.7	.9	.6	.2							4.2	7.1
NE	.1	.5	.7	.5	.2							4.1	7.6
ENE	.2	.6	.9	1.4								3.2	9.4
E	.2	1.7	1.6	1.1	.2							4.1	9.0
ESE	.7	.5	.5	.4	.1							1.8	8.1
SE	.2	.4	.9	.5								1.9	6.5
SSE	.3	.6	1.1	.9								2.9	6.4
S	.5	1.2	1.1	.6	.2							3.5	7.8
SSW	.7	.7	.2	.5								2.2	6.9
SW	.8	.5	.5	.2	.2							2.1	6.4
WSW	.3	.8	.8	.7	.2							3.4	6.2
W	.3	.3	1.7	.8	.1	.1						4.3	6.0
WNW	.5	1.4	.3	.9	.2							3.3	7.6
NW	.9	1.6	1.5	.8	.2							5.1	7.3
NNW	1.5	4.8	5.7	3.2	.3	.1						15.6	7.9
VARBL													
CALM												13.6	
	11.1	24.2	22.2	19.6	2.2	.2						100.0	7.6

TOTAL NUMBER OF OBSERVATIONS 1296

PART D

CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	$\geq 2\frac{1}{2}$	≥ 2	$\geq 1\frac{1}{2}$	$\geq 1\frac{1}{4}$	≥ 1	$\geq \frac{3}{4}$	$\geq \frac{1}{2}$	$\geq \frac{1}{4}$	$\geq \frac{1}{8}$	$\geq \frac{1}{16}$	≥ 0
NO CEILING																
≥ 1800																
≥ 1500					91.0											92.6
≥ 1200																
≥ 1000																
≥ 900																
≥ 800																
≥ 700																
≥ 600																
≥ 500										97.4						98.1
≥ 400																
≥ 300																
≥ 200																
≥ 100					95.4		96.9			98.3						100.0
≥ 0																

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0 .
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0 . From the table:
Visibility ≥ 3 miles = 95.4%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%. Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility > 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

10020
STATION

HOMESTEAD AFB FL
STATION NAME

69-70,73-80
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	¾	¾	¾	≥ 5/16	¼	≥ 0
NO RECORD ≥ 20000		74.5	75.3	75.7	75.8	75.8	75.8	76.0	76.1	76.2	76.3	76.6	76.9	76.9	77.0	77.1
≥ 18000 ≥ 16000		75.8	76.6	77.0	77.2	77.2	77.2	77.4	77.4	77.6	77.7	78.1	78.3	78.3	78.4	78.5
≥ 14000 ≥ 12000		75.8	76.6	77.0	77.2	77.2	77.2	77.4	77.4	77.6	77.7	78.1	78.3	78.3	78.4	78.5
≥ 10000 ≥ 9000		75.9	76.7	77.1	77.3	77.3	77.3	77.5	77.5	77.7	77.8	78.1	78.4	78.4	78.5	78.6
≥ 8000 ≥ 7000		75.9	76.7	77.1	77.3	77.3	77.3	77.5	77.5	77.7	77.8	78.1	78.4	78.4	78.5	78.6
≥ 6000 ≥ 5000		76.5	77.3	77.7	78.0	78.0	78.0	78.2	78.2	78.4	78.5	78.7	79.0	79.0	79.1	79.2
≥ 4500 ≥ 4000		79.0	79.9	80.5	80.9	80.9	80.9	81.3	81.3	81.5	81.6	81.8	82.2	82.2	82.3	82.4
≥ 3500 ≥ 3000		79.5	80.3	81.0	81.3	81.3	81.3	81.7	81.7	81.9	82.0	82.3	82.6	82.6	82.7	82.8
≥ 2500 ≥ 2000		82.5	83.3	84.0	84.3	84.3	84.3	84.7	84.7	84.9	85.1	85.3	85.6	85.6	85.7	85.8
≥ 1800 ≥ 1600		83.8	84.6	85.3	85.6	85.6	85.6	86.0	86.0	86.2	86.3	86.6	86.9	86.9	87.0	87.1
≥ 1500 ≥ 1200		84.7	85.6	86.2	86.6	86.6	86.6	87.0	87.0	87.2	87.3	87.5	87.8	87.8	88.0	88.1
≥ 1000 ≥ 800		86.8	87.5	88.4	88.7	88.7	88.7	89.1	89.1	89.4	89.5	89.7	90.0	90.0	90.1	90.2
≥ 700 ≥ 600		88.7	89.8	89.6	89.9	89.9	89.9	90.3	90.3	90.5	90.6	90.9	91.2	91.2	91.3	91.4
≥ 500 ≥ 400		90.1	91.1	91.9	92.4	92.4	92.4	92.8	92.8	93.1	93.1	93.3	93.7	93.7	93.8	93.9
≥ 350 ≥ 300		91.1	92.0	92.9	93.3	93.3	93.3	93.8	93.8	94.0	94.1	94.3	94.6	94.6	94.7	94.8
≥ 2500 ≥ 2000		92.4	93.3	94.2	94.6	94.6	94.6	95.1	95.1	95.3	95.4	95.6	95.9	95.9	96.0	96.1
≥ 1800 ≥ 1600		93.2	94.5	95.4	95.8	95.8	95.8	96.2	96.2	96.5	96.6	96.8	97.1	97.1	97.2	97.3
≥ 1500 ≥ 1200		93.7	94.9	95.8	96.2	96.2	96.2	96.7	96.7	96.9	97.0	97.2	97.5	97.5	97.6	97.7
≥ 1000 ≥ 800		93.7	94.9	95.8	96.2	96.2	96.2	96.7	96.7	96.9	97.0	97.2	97.5	97.5	97.6	97.7
≥ 700 ≥ 600		93.9	95.2	96.0	96.5	96.5	96.5	96.9	96.9	97.1	97.2	97.4	97.7	97.7	97.8	97.9
≥ 500 ≥ 400		94.1	95.3	96.1	96.7	96.7	96.7	97.1	97.1	97.3	97.4	97.6	98.0	98.0	98.1	98.2
≥ 350 ≥ 300		94.4	95.7	96.6	97.1	97.1	97.1	97.5	97.5	97.7	97.8	98.1	98.4	98.4	98.5	98.6
≥ 250 ≥ 200		94.4	95.7	96.6	97.1	97.1	97.1	97.5	97.5	97.8	98.0	98.2	98.5	98.5	98.6	98.7
≥ 180 ≥ 160		94.4	95.7	96.6	97.1	97.1	97.1	97.5	97.5	97.8	98.0	98.2	98.5	98.5	98.6	98.7
≥ 150 ≥ 120		94.4	95.7	96.6	97.1	97.1	97.1	97.5	97.5	97.8	98.0	98.2	98.5	98.5	98.6	98.7
≥ 100 ≥ 80		94.4	95.7	96.6	97.1	97.1	97.1	97.5	97.5	97.8	98.0	98.2	98.5	98.5	98.6	98.7
≥ 70 ≥ 60		94.4	95.7	96.6	97.1	97.1	97.1	97.5	97.5	97.8	98.0	98.2	98.5	98.5	98.6	98.7
≥ 50 ≥ 40		94.5	95.9	97.0	97.5	97.6	97.6	98.1	98.1	98.4	98.5	98.7	99.0	99.0	99.1	99.2
≥ 30 ≥ 20		94.5	95.9	97.0	97.5	97.6	97.6	98.1	98.2	98.2	98.6	98.7	98.9	99.2	99.2	99.4
≥ 10 ≥ 0		94.5	95.9	97.0	97.5	97.6	97.6	98.1	98.2	98.2	98.6	98.7	98.9	99.2	99.2	99.4
≥ 100 U		94.5	95.9	97.1	97.5	97.6	97.7	98.3	98.4	98.4	98.9	99.0	99.2	99.6	99.6	99.8
≥ 100 U		94.5	95.9	97.1	97.5	97.6	97.7	98.3	98.4	98.4	98.9	99.0	99.2	99.6	99.6	99.8

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17826
STATION

HOMESTEAD AFB FL
STATION NAME

69-70, 73-80
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 8	≥ 6	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 1/32	≥ 0
≥ 20000	68.1	68.9	69.4	69.8	69.9	70.7	70.1	70.1	70.4	70.5	70.6	70.8	70.9	70.9	70.9	71.3
≥ 18000	70.2	71.2	71.6	72.0	72.2	72.4	72.5	72.5	72.6	72.9	73.0	73.1	73.1	73.1	73.1	73.7
≥ 16000	70.2	71.2	71.6	72.0	72.2	72.4	72.5	72.5	72.8	72.9	73.0	73.1	73.1	73.1	73.1	73.7
≥ 14000	70.2	71.2	71.6	72.0	72.2	72.4	72.5	72.5	72.8	72.9	73.0	73.1	73.1	73.1	73.1	73.7
≥ 12000	71.0	71.9	72.4	72.8	72.9	73.1	73.2	73.2	73.5	73.7	73.8	73.9	73.9	73.9	73.9	74.4
≥ 10000	73.4	74.5	74.9	75.4	75.5	75.7	75.8	75.8	76.1	76.2	76.3	76.5	76.5	76.5	76.5	77.0
≥ 8000	73.5	74.6	75.1	75.5	75.6	75.8	75.9	75.9	76.2	76.3	76.5	76.6	76.6	76.6	76.6	77.1
≥ 6000	75.3	76.5	77.0	77.4	77.5	77.7	77.8	78.0	78.3	79.4	79.5	79.6	79.6	79.6	79.6	79.1
≥ 5000	76.5	77.6	78.2	78.6	78.7	78.9	79.0	79.1	79.5	79.6	79.7	79.8	79.8	79.8	79.8	80.3
≥ 4500	77.3	78.5	79.0	79.5	79.6	79.8	79.9	80.0	80.3	80.4	80.5	80.6	80.6	80.6	80.6	81.2
≥ 4000	80.4	81.6	82.3	82.7	82.8	83.0	83.1	83.2	83.5	83.7	83.8	83.9	83.9	83.9	83.9	84.4
≥ 3500	81.7	82.9	83.5	84.0	84.1	84.3	84.4	84.5	84.8	84.9	85.1	85.2	85.2	85.2	85.2	85.7
≥ 3000	85.6	87.1	87.6	88.1	88.2	88.4	88.5	88.6	88.9	89.0	89.1	89.2	89.2	89.2	89.2	89.8
≥ 2500	85.6	87.7	88.4	88.8	88.9	89.1	89.2	89.4	89.7	89.8	89.9	90.0	90.0	90.0	90.0	90.5
≥ 2000	88.0	89.1	89.8	90.3	90.4	90.6	90.8	90.9	91.2	91.3	91.4	91.5	91.5	91.5	91.5	92.0
≥ 1800	88.4	89.7	90.3	90.9	91.0	91.2	91.3	91.4	91.7	91.8	91.9	92.0	92.0	92.0	92.0	92.6
≥ 1600	89.1	90.5	91.4	91.9	92.0	92.3	92.4	92.5	92.8	92.9	93.0	93.1	93.1	93.1	93.1	93.8
≥ 1400	89.1	90.8	91.7	92.3	92.4	92.6	92.8	92.9	93.2	93.3	93.4	93.5	93.5	93.5	93.5	94.2
≥ 1200	89.4	91.0	91.9	92.5	92.6	92.8	93.0	93.1	93.4	93.5	93.7	93.8	93.8	93.8	93.8	94.4
≥ 1000	89.7	91.3	92.3	92.8	92.9	93.2	93.4	93.5	93.9	94.0	94.1	94.2	94.2	94.2	94.2	94.8
≥ 900	89.9	91.5	92.5	93.0	93.1	93.4	93.7	93.8	94.1	94.2	94.3	94.4	94.4	94.4	94.4	95.1
≥ 800	90.3	91.9	92.9	93.4	93.7	94.0	94.2	94.3	94.6	94.7	94.8	94.9	94.9	94.9	94.9	95.6
≥ 700	90.5	92.2	93.1	93.7	93.9	94.2	94.4	94.5	94.8	94.9	95.1	95.2	95.2	95.2	95.2	95.8
≥ 600	90.9	92.6	93.7	94.3	94.5	94.8	95.1	95.2	95.5	95.6	95.7	95.8	95.8	95.8	95.8	96.5
≥ 500	91.0	92.8	93.9	94.5	94.7	95.1	95.3	95.4	95.7	95.8	95.9	96.0	96.0	96.0	96.0	96.7
≥ 400	91.3	93.3	94.4	95.2	95.4	95.7	96.1	96.2	96.7	96.8	96.9	97.1	97.1	97.1	97.1	97.7
≥ 300	91.3	93.4	94.6	95.9	96.1	96.5	96.9	97.0	97.4	97.5	97.6	97.8	97.8	97.8	97.8	98.6
≥ 200	91.3	93.4	94.6	95.9	96.1	96.5	96.9	97.0	97.5	97.6	97.7	98.1	98.2	98.2	98.2	99.0
≥ 100	91.3	93.4	94.6	95.9	96.1	96.5	96.9	97.0	97.5	97.6	97.7	98.1	98.2	98.2	98.2	99.7
≥ 0	91.3	93.4	94.6	95.9	96.1	96.5	96.9	97.0	97.5	97.6	97.7	98.1	98.2	98.2	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFD WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17626
STATION

HOMESTEAD AFB FL
STATION NAME

69-70,73-30
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1600-0600
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING ≥ 25000		53.4	61.2	62.3	63.7	64.1	64.4	64.8	64.8	64.8	65.1	65.1	65.1	65.1	65.2	65.7
≥ 18000		52.6	65.4	66.5	67.8	68.3	68.6	69.0	69.0	69.0	69.2	69.2	69.2	69.2	69.4	69.9
≥ 15000		52.7	65.5	66.6	68.0	68.4	68.7	69.1	69.1	69.1	69.4	69.4	69.4	69.4	69.5	70.0
≥ 14000		52.7	65.5	66.6	68.0	68.4	68.7	69.1	69.1	69.1	69.4	69.4	69.4	69.4	69.5	70.0
≥ 12000		62.9	65.7	66.8	68.2	68.6	68.9	69.4	69.4	69.4	69.6	69.6	69.6	69.6	69.7	70.2
≥ 10000		63.9	66.8	67.8	69.2	69.7	70.0	70.4	70.4	70.4	70.6	70.6	70.6	70.6	70.8	71.3
≥ 9000		66.9	69.9	71.0	72.4	72.8	73.1	73.5	73.5	73.5	73.8	73.8	73.8	73.8	73.9	74.5
≥ 8000		67.4	70.4	71.5	72.9	73.3	73.7	74.1	74.1	74.1	74.3	74.3	74.3	74.3	74.4	75.1
≥ 7000		70.6	73.8	74.8	76.2	76.7	77.0	77.4	77.4	77.4	77.7	77.7	77.7	77.7	77.8	78.5
≥ 6000		71.9	75.2	76.2	77.6	78.1	78.4	78.8	78.8	78.8	79.1	79.1	79.1	79.1	79.2	79.9
≥ 5000		73.1	76.3	77.4	78.8	79.2	79.6	80.0	80.0	80.0	80.3	80.3	80.3	80.3	80.4	81.1
≥ 4500		76.5	79.7	80.8	82.2	82.6	82.9	83.3	83.3	83.3	83.7	83.7	83.7	83.7	83.8	84.4
≥ 4000		77.6	81.0	82.0	83.4	83.9	84.2	84.6	84.6	84.6	84.9	84.9	84.9	84.9	85.1	85.7
≥ 3500		79.7	83.1	84.3	85.8	86.2	86.6	87.0	87.0	87.0	87.3	87.3	87.3	87.3	87.4	88.1
≥ 3000		80.9	84.4	85.8	87.3	87.7	88.1	88.5	88.5	88.5	88.8	88.8	88.8	88.8	88.9	89.6
≥ 2500		82.9	86.7	88.1	89.6	90.1	90.4	90.9	90.9	90.9	91.2	91.2	91.2	91.2	91.3	91.9
≥ 2000		83.3	87.1	88.6	90.1	90.6	91.0	91.4	91.4	91.4	91.7	91.7	91.7	91.7	91.8	92.5
≥ 1800		84.1	87.8	89.4	90.9	91.4	91.8	92.4	92.4	92.4	92.7	92.7	92.7	92.7	92.8	93.4
≥ 1500		84.3	88.1	89.6	91.1	91.6	92.0	92.6	92.6	92.6	92.9	92.9	92.9	92.9	93.0	93.7
≥ 1200		84.8	88.7	90.3	91.8	92.4	92.8	93.3	93.3	93.3	93.7	93.7	93.7	93.7	93.8	94.4
≥ 1000		85.2	89.1	90.9	92.4	92.9	93.3	93.9	93.9	93.9	94.2	94.2	94.2	94.2	94.3	94.9
≥ 900		85.3	89.2	91.0	92.6	93.1	93.5	94.1	94.1	94.1	94.4	94.4	94.4	94.4	94.5	95.2
≥ 800		85.5	89.5	91.2	92.8	93.3	93.8	94.3	94.3	94.3	94.6	94.6	94.6	94.6	94.7	95.4
≥ 700		85.6	89.6	91.3	92.9	93.4	93.9	94.4	94.4	94.4	94.7	94.7	94.7	94.7	94.8	95.5
≥ 600		85.7	89.8	91.6	93.2	93.8	94.2	94.7	94.7	94.7	95.1	95.1	95.1	95.1	95.2	95.8
≥ 500		85.9	90.0	91.8	93.8	94.3	94.7	95.3	95.3	95.3	95.6	95.6	95.6	95.6	95.7	96.3
≥ 400		86.1	90.2	92.2	94.1	94.6	95.2	95.7	95.7	95.7	96.0	96.0	96.0	96.1	96.2	96.9
≥ 300		86.1	90.3	92.4	94.3	94.8	95.5	96.0	96.0	96.1	96.5	96.5	96.5	96.6	96.8	97.4
≥ 200		86.1	90.3	92.6	94.5	95.1	95.7	96.2	96.2	96.3	96.7	96.7	96.7	96.9	97.3	98.0
≥ 100		86.1	90.3	92.6	94.6	95.2	95.8	96.6	96.6	96.7	97.1	97.1	97.5	97.6	98.0	98.6
≥ 0		86.1	90.3	92.7	94.7	95.3	95.9	96.7	96.7	96.8	97.2	97.2	97.7	97.8	98.4	99.4
≥ 0		86.1	90.3	92.7	94.7	95.3	95.9	96.7	96.7	96.8	97.2	97.2	97.7	97.8	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1626
STATION

HOMESTEAD AFB FL
STATION NAME

69 73-80
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	.2	58.5	60.3	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 18000	.4	66.1	68.1	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
≥ 16000	.4	66.1	69.1	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 14000	.4	66.7	69.7	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 12000	.4	67.1	69.1	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 10000	.4	70.8	72.9	73.5	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 9000	.4	71.5	73.8	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 8000	.4	74.7	77.1	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 7000	.4	76.6	79.0	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 6000	.4	77.0	79.7	81.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 5000	.4	79.9	82.9	84.3	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 4500	.4	81.6	85.2	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 4000	.4	83.2	86.9	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 3500	.4	84.6	88.4	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 3000	.4	86.1	89.9	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 2500	.4	86.9	90.9	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 2000	.4	88.1	92.1	93.8	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1800	.4	88.2	92.3	94.0	94.3	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1500	.4	88.6	92.8	94.5	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1200	.4	89.1	93.3	95.1	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1000	.4	89.1	93.3	95.1	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 900	.4	89.4	93.5	95.3	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 800	.4	89.6	93.8	95.5	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 700	.4	89.6	94.1	95.7	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 600	.4	89.7	94.1	95.9	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 500	.4	89.7	94.3	96.1	97.0	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 400	.4	89.7	94.6	96.6	97.6	97.7	98.1	98.2	98.2	98.2	98.5	98.5	98.5	98.5	98.5	98.5
≥ 300	.4	89.8	94.7	96.8	97.8	98.1	98.6	98.8	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1
≥ 200	.4	89.8	94.7	96.8	97.8	98.1	98.7	99.0	99.0	99.0	99.1	99.5	99.5	99.5	99.5	99.5
≥ 100	.4	89.8	94.7	96.8	97.8	98.1	98.7	99.0	99.0	99.0	99.1	99.5	99.6	99.6	99.6	99.6
≥ 0	.4	89.8	94.7	96.8	97.8	98.1	98.7	99.0	99.0	99.0	99.1	99.5	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1726
STATION

HOMESTEAD AFB FL
STATION NAME

69-70,73-80
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING ≥ 20000	59.4	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 18000 ≥ 6700	68.7	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 14000 ≥ 2900	68.8	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 10000 ≥ 2500	68.9	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
≥ 8000 ≥ 2000	69.4	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 6000 ≥ 1500	71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 4000 ≥ 1000	75.8	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 3000 ≥ 700	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 2000 ≥ 500	79.1	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 1500 ≥ 400	80.9	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 1000 ≥ 300	82.0	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 800 ≥ 200	84.7	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 600 ≥ 100	87.1	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 400 ≥ 50	88.7	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 300 ≥ 20	90.8	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 200 ≥ 10	92.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 100 ≥ 5	94.0	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 50 ≥ 0	94.7	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 0	95.2	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 0	95.8	96.9	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 0	96.1	97.2	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 0	96.6	97.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 0	96.6	97.8	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 0	96.7	98.0	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 0	96.9	98.4	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 0	97.2	98.7	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	97.2	98.8	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	97.2	98.8	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	97.2	98.8	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	97.2	98.8	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	97.2	98.8	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17-26
STATION

HOMESTEAD AFB FL
STATION NAME

69-70, 73-80
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 18000 ≥ 16000	.2	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 14000 ≥ 12000	.2	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 10000 ≥ 9000	.2	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 8000 ≥ 7000	.2	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 6000 ≥ 5000	.2	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 4500 ≥ 4000	.2	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 3500 ≥ 3000	.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 2500 ≥ 2000	.2	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1500 ≥ 1000	.2	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 800 ≥ 600	.2	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 500 ≥ 400	.2	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 300 ≥ 200	.2	93.9	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 100 ≥ 0	.2	95.2	95.5	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 800 ≥ 600	.2	96.7	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 400 ≥ 300	.2	96.3	97.2	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 200 ≥ 100	.2	97.4	97.7	98.0	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 100 ≥ 0	.2	97.4	97.8	98.1	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 900 ≥ 800	.2	97.5	98.1	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700 ≥ 600	.2	97.6	98.2	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500 ≥ 400	.2	97.6	98.2	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 300 ≥ 200	.2	98.1	98.6	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 100 ≥ 0	.2	98.1	98.7	98.9	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500 ≥ 400	.2	98.1	98.8	99.0	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300 ≥ 200	.2	98.2	98.9	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	.2	98.2	98.9	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	.2	98.2	98.9	99.4	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1726
STATION

HOMESTEAD AFB FL
STATION NAME

69-70, 73-80
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000		67.1	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 18000		73.0	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 16000		73.1	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 14000		73.4	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 12000		74.2	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 10000		75.4	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 9000		80.9	81.1	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 8000		81.1	81.3	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 7000		83.4	83.7	83.8	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 6000		84.9	85.2	85.3	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 5000		85.7	85.9	86.0	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 4500		87.2	87.4	87.6	87.7	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 4000		88.4	88.6	88.9	89.0	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 3500		91.1	91.2	91.5	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 3000		92.0	92.4	92.7	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 2500		94.7	95.1	95.5	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 2000		95.8	96.1	96.6	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1800		97.0	97.3	98.0	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1500		97.1	97.4	98.1	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1200		97.4	97.7	98.4	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000		97.6	98.1	98.7	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900		97.7	98.2	98.9	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800		97.8	98.3	99.0	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700		97.8	98.3	99.0	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600		98.0	98.4	99.1	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500		98.2	98.6	99.4	99.6	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400		98.2	98.7	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		98.2	98.7	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		98.2	98.7	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		98.2	98.7	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		98.2	98.7	99.5	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
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CEILING VERSUS VISIBILITY

12826
STATION

HOMESTEAD AFB FL
STATION NAME

69-70, 73-80
YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING		75.8	75.9	75.9	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 20000		79.0	79.1	79.1	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 18000		79.0	79.1	79.1	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 16000		79.0	79.1	79.1	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 14000		79.0	79.1	79.1	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 12000		79.8	79.9	79.9	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 10000		83.3	83.4	83.4	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 9000		83.4	83.5	83.5	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 8000		85.5	85.6	85.6	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 7000		86.3	86.5	86.5	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 6000		87.6	87.7	87.7	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 5000		88.7	88.8	88.8	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 4500		89.8	89.9	90.1	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 4000		91.4	91.5	91.6	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 3500		92.9	93.1	93.1	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 3000		94.3	94.4	94.7	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 2500		95.4	95.7	96.0	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 2000		96.1	96.7	97.0	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1800		96.1	96.7	97.0	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1500		96.5	97.0	97.3	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1200		97.5	98.1	98.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000		97.6	98.2	98.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900		97.6	98.2	98.5	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800		97.7	98.3	98.6	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700		97.7	98.3	98.6	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600		97.8	98.4	98.7	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500		98.0	98.5	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400		98.1	98.6	99.0	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300		98.1	98.6	99.0	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200		98.1	98.6	99.0	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100		98.1	98.6	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		98.1	98.6	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
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JAN
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PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	.1	65.3	66.3	66.6	66.9	67.0	67.0	67.1	67.1	67.2	67.2	67.3	67.3	67.3	67.4	67.5
≥ 20000	.1	70.9	71.8	72.2	72.5	72.6	72.6	72.7	72.7	72.8	72.9	72.9	73.0	73.0	73.0	73.1
≥ 18000	.1	71.0	71.9	72.2	72.6	72.6	72.7	72.8	72.8	72.9	72.9	73.0	73.0	73.0	73.0	73.2
≥ 16000	.1	71.1	72.0	72.3	72.7	72.7	72.8	72.9	72.9	73.0	73.0	73.1	73.1	73.1	73.1	73.3
≥ 14000	.1	71.3	72.3	72.6	73.0	73.0	73.1	73.2	73.2	73.3	73.3	73.3	73.4	73.4	73.4	73.6
≥ 12000	.1	72.4	73.4	73.8	74.1	74.2	74.2	74.3	74.3	74.4	74.4	74.5	74.5	74.5	74.6	74.7
≥ 10000	.1	76.2	77.3	77.6	78.0	78.1	78.1	78.2	78.2	78.3	78.4	78.4	78.5	78.5	78.5	78.6
≥ 9000	.1	76.6	77.7	78.0	78.4	78.5	78.5	78.6	78.6	78.7	78.8	78.8	78.9	78.9	78.9	79.0
≥ 8000	.1	79.4	80.5	80.9	81.3	81.3	81.4	81.5	81.5	81.6	81.7	81.7	81.8	81.8	81.9	81.9
≥ 7000	.1	80.8	81.9	82.3	82.7	82.8	82.8	83.0	83.0	83.1	83.1	83.2	83.2	83.2	83.4	83.4
≥ 6000	.1	81.7	82.8	83.3	83.7	83.7	83.8	83.9	83.9	84.0	84.1	84.1	84.2	84.2	84.4	84.4
≥ 5000	.1	84.0	85.2	85.7	86.1	86.2	86.3	86.4	86.4	86.5	86.5	86.6	86.6	86.6	86.7	86.8
≥ 4500	.1	85.4	86.7	87.3	87.7	87.7	87.8	87.9	88.0	88.0	88.1	88.1	88.2	88.2	88.2	88.4
≥ 4000	.1	87.5	88.8	89.5	89.9	90.0	90.1	90.2	90.2	90.3	90.3	90.4	90.4	90.4	90.5	90.6
≥ 3500	.1	88.8	90.2	90.9	91.3	91.4	91.5	91.6	91.6	91.7	91.7	91.8	91.8	91.8	91.9	92.0
≥ 3000	.1	90.6	92.0	92.7	93.2	93.3	93.3	93.5	93.5	93.5	93.6	93.6	93.7	93.7	93.7	93.9
≥ 2500	.1	91.5	93.1	93.8	94.3	94.4	94.4	94.6	94.6	94.7	94.7	94.8	94.8	94.8	94.8	95.0
≥ 2000	.1	92.4	94.0	94.8	95.3	95.4	95.5	95.6	95.6	95.7	95.8	95.8	95.9	95.9	95.9	96.1
≥ 1800	.1	92.6	94.2	95.0	95.4	95.5	95.7	95.8	95.8	95.9	95.9	96.0	96.0	96.0	96.1	96.2
≥ 1500	.1	92.9	94.6	95.4	96.0	96.1	96.2	96.4	96.4	96.4	96.5	96.5	96.6	96.6	96.6	96.8
≥ 1200	.1	93.3	95.0	95.8	96.4	96.5	96.7	96.8	96.8	96.9	97.0	97.0	97.1	97.1	97.1	97.3
≥ 1000	.1	93.5	95.2	96.1	96.7	96.8	96.9	97.1	97.1	97.2	97.2	97.3	97.3	97.3	97.4	97.5
≥ 900	.1	93.6	95.3	96.2	96.8	96.9	97.0	97.2	97.2	97.3	97.4	97.4	97.5	97.5	97.5	97.7
≥ 800	.1	93.7	95.4	96.3	96.9	97.0	97.2	97.3	97.4	97.4	97.5	97.6	97.6	97.6	97.6	97.8
≥ 700	.1	93.8	95.6	96.5	97.1	97.3	97.4	97.6	97.6	97.7	97.7	97.8	97.8	97.8	97.9	98.0
≥ 600	.1	94.0	95.8	96.8	97.4	97.6	97.7	97.9	97.9	98.0	98.1	98.1	98.2	98.2	98.2	98.4
≥ 500	.1	94.1	96.0	97.0	97.7	97.8	98.0	98.2	98.2	98.3	98.3	98.4	98.5	98.5	98.5	98.7
≥ 400	.1	94.2	96.2	97.2	97.9	98.1	98.3	98.5	98.5	98.7	98.8	98.8	98.9	98.9	99.0	99.1
≥ 300	.1	94.2	96.2	97.3	98.1	98.3	98.5	98.7	98.8	98.9	99.0	99.0	99.1	99.1	99.2	99.4
≥ 200	.1	94.2	96.2	97.3	98.1	98.3	98.5	98.8	98.8	99.0	99.1	99.2	99.3	99.3	99.4	99.6
≥ 100	.1	94.2	96.2	97.3	98.1	98.3	98.6	98.8	98.9	99.0	99.2	99.2	99.4	99.4	99.5	99.9
≥ U	.1	94.2	96.2	97.3	98.1	98.3	98.6	98.8	98.9	99.0	99.2	99.2	99.4	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17626
STATION

HOMESTEAD AFB FL
STATION NAME

69-70,73-80
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING		68.7	68.7	69.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 20000		69.7	70.4	70.8	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 18000		70.2	70.9	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 16000		70.2	70.9	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 14000		70.3	71.0	71.4	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 12000		70.9	71.6	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 10000		74.6	75.3	75.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 9000		74.6	75.3	75.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 8000		77.3	78.0	78.5	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 7000		78.7	79.4	79.9	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 6000		80.1	81.0	81.4	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 5000		82.0	82.9	83.3	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 4500		84.9	85.7	86.3	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 4000		87.4	88.2	88.8	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 3500		89.4	90.2	90.8	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 3000		91.0	92.3	93.1	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 2500		92.4	93.7	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 2000		93.4	94.7	95.7	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1800		93.6	94.9	96.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1500		94.1	95.4	96.5	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1200		94.4	95.9	96.9	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1
≥ 1000		95.2	96.6	97.6	98.5	98.5	98.5	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8
≥ 900		95.3	96.7	97.8	98.6	98.6	98.6	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9
≥ 800		95.5	96.9	98.0	98.8	98.8	98.8	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2
≥ 700		95.6	97.0	98.1	98.9	98.9	98.9	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3
≥ 600		95.6	97.1	98.1	98.9	98.9	98.9	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3
≥ 500		95.7	97.3	98.3	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5
≥ 400		95.7	97.3	98.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6
≥ 300		95.7	97.3	98.3	99.4	99.4	99.4	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 200		95.7	97.3	98.3	99.4	99.4	99.4	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 100		95.7	97.3	98.3	99.4	99.4	99.4	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
≥ 0		95.7	97.3	98.3	99.4	99.4	99.4	99.5	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1/026
STATION

HOMESTEAD AFB FL
STATION NAME

69-70, 73-80
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING		64.9	65.8	66.4	66.7	66.7	67.0	67.0	67.1	67.3	67.3	67.3	67.4	67.4	67.5	67.5
≥ 20000		66.1	66.9	67.5	67.7	67.7	68.1	68.1	68.2	68.3	68.3	68.3	68.4	68.4	68.6	68.6
≥ 18000		66.2	67.1	67.7	68.0	68.0	68.3	68.3	68.4	68.6	68.6	68.6	68.7	68.7	68.8	68.8
≥ 16000		66.2	67.1	67.7	68.0	68.0	68.3	68.3	68.4	68.6	68.6	68.6	68.7	68.7	68.8	68.8
≥ 14000		66.7	67.6	68.2	68.4	68.4	68.8	68.8	68.9	69.0	69.0	69.0	69.1	69.1	69.3	69.3
≥ 12000		67.4	68.3	68.9	69.1	69.1	69.5	69.5	69.6	69.7	69.7	69.7	69.9	69.9	70.0	70.0
≥ 10000		70.6	71.6	72.2	72.5	72.5	72.8	72.8	72.9	73.0	73.0	73.0	73.2	73.2	73.3	73.3
≥ 9000		70.7	71.7	72.3	72.6	72.6	72.9	72.9	73.0	73.2	73.2	73.2	73.3	73.3	73.4	73.4
≥ 8000		73.8	74.8	75.5	75.8	75.8	76.1	76.1	76.2	76.4	76.4	76.4	76.5	76.5	76.6	76.6
≥ 7000		74.6	75.7	76.4	76.6	76.6	77.0	77.0	77.1	77.2	77.2	77.2	77.3	77.3	77.4	77.4
≥ 6000		75.8	77.0	77.7	77.9	77.9	78.3	78.3	78.4	78.5	78.5	78.5	78.6	78.6	78.7	78.7
≥ 5000		78.3	79.4	80.1	80.4	80.4	80.7	80.7	80.9	81.0	81.0	81.0	81.1	81.1	81.2	81.2
≥ 4500		81.2	82.5	83.2	83.5	83.5	83.8	83.8	83.9	84.0	84.0	84.0	84.2	84.2	84.3	84.3
≥ 4000		84.2	85.6	86.3	86.5	86.5	86.9	86.9	87.0	87.1	87.1	87.1	87.2	87.2	87.4	87.4
≥ 3500		85.8	87.2	87.9	88.2	88.2	88.5	88.5	88.7	88.8	88.8	88.8	88.9	88.9	89.0	89.0
≥ 3000		87.5	89.4	90.4	90.7	90.7	91.0	91.0	91.1	91.3	91.3	91.3	91.4	91.4	91.5	91.5
≥ 2500		89.0	90.9	92.0	92.2	92.2	92.6	92.6	92.7	92.8	92.8	92.8	92.9	92.9	93.0	93.0
≥ 2000		89.6	91.5	92.6	92.9	92.9	93.5	93.5	93.6	93.7	93.7	93.7	93.9	93.9	94.0	94.0
≥ 1800		89.8	91.7	92.8	93.1	93.1	93.7	93.7	93.9	94.0	94.0	94.0	94.1	94.1	94.2	94.2
≥ 1500		90.4	92.3	93.4	93.7	93.7	94.3	94.3	94.4	94.6	94.6	94.6	94.7	94.7	94.8	94.8
≥ 1200		91.0	93.0	94.3	94.7	94.7	95.3	95.3	95.4	95.5	95.5	95.5	95.6	95.6	95.7	95.7
≥ 1000		91.0	93.0	94.3	94.7	94.7	95.3	95.3	95.4	95.5	95.5	95.5	95.6	95.6	95.7	95.7
≥ 900		91.1	93.1	94.4	94.8	94.8	95.4	95.4	95.5	95.6	95.6	95.6	95.7	95.7	95.9	95.9
≥ 800		91.1	93.1	94.4	94.8	94.8	95.4	95.4	95.5	95.6	95.6	95.6	95.7	95.7	95.9	95.9
≥ 700		91.4	93.4	94.8	95.2	95.2	95.7	95.7	95.9	96.0	96.0	96.0	96.1	96.1	96.2	96.2
≥ 600		92.1	94.1	95.5	95.9	95.9	96.5	96.5	96.6	96.7	96.7	96.7	96.8	96.8	96.9	96.9
≥ 500		92.6	94.8	96.2	96.7	96.7	97.3	97.3	97.4	97.6	97.6	97.6	97.8	97.8	97.9	97.9
≥ 400		92.9	95.2	96.8	97.4	97.4	98.1	98.1	98.2	98.5	98.5	98.5	98.6	98.6	98.8	98.8
≥ 300		92.9	95.2	96.8	97.4	97.4	98.1	98.3	98.5	98.8	98.8	98.8	98.9	98.9	99.2	99.3
≥ 200		92.9	95.2	96.8	97.4	97.4	98.1	98.3	98.5	98.8	98.8	98.8	98.9	98.9	99.3	99.6
≥ 100		92.9	95.2	96.8	97.4	97.4	98.1	98.3	98.5	98.8	98.9	98.9	99.1	99.1	99.4	99.8
≥ 0		92.9	95.2	96.8	97.4	97.4	98.1	98.3	98.5	98.8	98.9	98.9	99.1	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 346

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17026
STATION

HOMESTEAD AFB FL
STATION NAME

59-70,73-80
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

6600-0000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥3/16	≥0
NO CEILING		61.5	64.9	65.7	66.8	66.9	67.3	67.4	67.5	67.7	68.2	68.2	68.3	68.4	68.6
≥ 20000		64.8	68.4	69.3	70.3	70.4	70.8	70.9	71.0	71.3	71.7	71.7	71.9	72.0	72.1
≥ 18000		64.8	68.4	69.3	70.3	70.4	70.8	70.9	71.0	71.3	71.7	71.7	71.9	72.0	72.1
≥ 16000		65.2	68.9	69.7	70.8	70.9	71.3	71.4	71.5	71.7	72.2	72.2	72.3	72.5	72.6
≥ 14000		65.5	69.1	70.0	71.0	71.2	71.5	71.6	71.7	72.0	72.5	72.5	72.6	72.7	72.8
≥ 12000		66.8	70.6	71.5	72.6	72.7	73.0	73.2	73.3	73.5	74.0	74.0	74.1	74.2	74.3
≥ 10000		68.8	72.7	73.6	74.7	74.8	75.2	75.3	75.4	75.7	76.1	76.1	76.2	76.4	76.5
≥ 9000		69.0	72.9	73.9	74.9	75.1	75.4	75.5	75.7	75.9	76.4	76.4	76.5	76.6	76.7
≥ 8000		70.6	74.9	76.1	77.2	77.3	77.7	77.8	77.9	78.1	78.6	78.6	78.7	78.8	79.0
≥ 7000		71.4	75.8	77.1	78.1	78.3	78.6	78.7	78.8	79.1	79.6	79.6	79.7	79.8	79.9
≥ 6000		72.7	77.1	78.5	79.6	79.7	80.0	80.1	80.3	80.5	81.0	81.0	81.1	81.2	81.3
≥ 5000		75.3	80.0	81.6	82.6	82.7	83.1	83.2	83.3	83.6	84.0	84.0	84.2	84.3	84.4
≥ 4500		77.7	82.4	83.9	85.0	85.1	85.5	85.6	85.7	85.9	86.4	86.4	86.5	86.6	86.8
≥ 4000		80.4	85.1	86.6	87.7	87.8	88.2	88.3	88.4	88.7	89.1	89.1	89.2	89.4	89.5
≥ 3500		81.0	85.9	87.6	88.7	88.8	89.1	89.2	89.4	89.6	90.1	90.1	90.2	90.3	90.4
≥ 3000		81.9	86.9	88.9	90.0	90.1	90.4	90.5	90.7	90.9	91.4	91.4	91.5	91.6	91.7
≥ 2500		82.7	88.1	90.2	91.3	91.4	91.7	91.8	92.0	92.2	92.7	92.7	92.8	92.9	93.0
≥ 2000		83.6	88.9	91.0	92.1	92.2	92.9	93.0	93.1	93.4	93.9	93.9	94.0	94.1	94.2
≥ 1800		83.8	89.1	91.3	92.3	92.4	93.1	93.3	93.4	93.6	94.1	94.1	94.2	94.3	94.4
≥ 1500		84.2	89.6	91.7	93.0	93.1	93.9	94.0	94.1	94.3	94.8	94.8	94.9	95.0	95.1
≥ 1200		84.2	89.7	91.8	93.1	93.3	94.0	94.1	94.2	94.4	94.9	94.9	95.0	95.2	95.3
≥ 1000		84.5	90.2	92.4	93.9	94.0	94.7	94.8	94.9	95.2	95.6	95.6	95.7	95.9	96.0
≥ 900		84.8	90.4	92.7	94.1	94.2	94.9	95.0	95.2	95.4	95.9	96.0	96.1	96.2	96.3
≥ 800		84.9	90.5	92.8	94.2	94.4	95.2	95.3	95.4	95.6	96.1	96.2	96.3	96.5	96.6
≥ 700		85.0	90.7	93.0	94.6	94.9	95.6	95.9	96.0	96.2	96.7	96.8	96.9	97.0	97.1
≥ 600		85.0	90.8	93.1	94.7	95.0	95.7	96.0	96.1	96.3	96.8	96.9	97.0	97.3	97.4
≥ 500		85.1	91.1	93.5	95.0	95.4	96.1	96.3	96.5	96.7	97.2	97.3	97.4	97.6	97.8
≥ 400		85.2	91.5	94.2	95.7	96.1	96.8	97.0	97.2	97.4	97.9	98.0	98.1	98.3	98.5
≥ 300		85.2	91.5	94.3	96.0	96.3	97.2	97.4	97.5	97.8	98.2	98.3	98.5	98.8	99.2
≥ 200		85.2	91.5	94.3	96.0	96.5	97.4	97.8	97.9	98.1	98.6	98.7	98.8	99.2	99.5
≥ 100		85.2	91.5	94.3	96.0	96.5	97.4	97.8	97.9	98.1	98.6	98.7	98.8	99.2	99.5
≥ 0		85.2	91.5	94.3	96.0	96.5	97.4	97.8	97.9	98.1	98.6	98.7	98.8	99.2	99.5

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1-826
STATION

HOMESTEAD AFB FL
STATION NAME

69-70, 73-80
YEARS

FEE
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1986-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		63.4	64.7	65.0	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 20000		68.3	69.3	69.6	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 18000		68.3	69.6	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 16000		68.6	69.9	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 14000		69.4	70.7	71.0	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 12000		71.0	72.5	72.9	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 10000		75.5	77.0	77.5	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 9500		75.5	77.0	77.5	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 8000		78.4	80.3	80.9	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 7500		79.6	81.6	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 6000		80.1	82.2	82.7	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 5000		82.5	84.6	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 4500		85.2	87.5	88.2	88.5	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 4000		86.5	89.1	89.8	90.2	90.4	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 3500		87.9	90.5	91.3	91.6	91.8	91.8	91.8	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 3000		88.9	91.5	92.3	92.7	92.9	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 2500		89.8	92.8	93.7	94.1	94.3	94.4	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 2000		90.4	93.4	94.3	94.8	95.0	95.3	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1800		90.4	93.5	94.4	94.9	95.2	95.4	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1500		91.4	94.4	95.5	96.1	96.3	96.6	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1200		92.0	95.2	96.2	96.8	97.0	97.3	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1000		92.2	95.5	96.6	97.2	97.4	97.6	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 900		92.2	95.5	96.6	97.4	97.6	97.9	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 800		92.4	95.9	96.9	97.8	98.0	98.2	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 700		92.4	96.1	97.1	97.9	98.1	98.3	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600		92.7	96.2	97.3	98.2	98.5	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500		92.7	96.3	97.3	98.2	98.5	98.8	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400		92.7	96.2	97.3	98.2	98.5	98.8	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300		92.7	96.2	97.3	98.2	98.5	98.8	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.8
≥ 200		92.7	96.3	97.4	98.3	98.6	98.9	99.3	99.5	99.8	99.8	99.8	99.8	99.8	99.8	100.0
≥ 100		92.7	96.3	97.4	98.3	98.6	98.9	99.3	99.5	99.8	99.8	99.8	99.8	99.8	99.8	100.0
≥ 0		92.7	96.3	97.4	98.3	98.6	98.9	99.3	99.5	99.8	99.8	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12626
STATION

HOMESTEAD AFB FL
STATION NAME

69-70,73-80
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1230-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/10	≥ 1/8	≥ 0
NO CEILING	.4	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 20000	.4	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 18000	.4	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 16000	.4	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 14000	.4	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 12000	.4	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 10000	.4	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 9000	.4	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 8000	.4	79.0	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 7000	.4	80.1	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 6000	.4	81.3	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 5000	.4	84.4	84.5	84.6	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 4500	.4	86.9	87.1	87.1	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 4000	.4	88.3	88.4	88.5	89.0	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 3500	.4	88.8	89.1	89.2	89.7	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 3000	.4	90.8	91.3	91.5	92.0	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 2500	.4	92.6	93.3	93.6	94.2	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 2000	.4	93.6	94.3	94.7	95.3	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1800	.4	94.3	95.2	95.5	96.1	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1500	.4	95.4	96.3	96.7	97.3	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1200	.4	96.2	97.2	97.6	98.2	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000	.4	96.3	97.3	97.9	98.6	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	.4	96.3	97.3	97.9	98.7	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	.4	96.3	97.3	97.9	98.9	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	.4	96.3	97.3	97.9	98.9	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	.4	96.3	97.3	97.9	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	.4	96.3	97.3	97.9	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	.4	96.3	97.3	97.9	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	.4	96.3	97.3	97.9	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	.4	96.3	97.3	97.9	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	.4	96.3	97.3	97.9	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ U	.4	96.3	97.3	97.9	98.9	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 246

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1526
STATION

HOMESTEAD AFB FL
STATION NAME

69-70, 73-80
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 0	≥ 0.25	≥ 0.5	≥ 1	≥ 2	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7	≥ 8	≥ 9	≥ 10	≥ 15	≥ 20	≥ 25
NO CEILING ≥ 20000	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 18000	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 16000	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 14000	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 12000	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 10000	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 9000	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 8000	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 7000	82.9	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 6000	83.3	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 5000	84.2	84.6	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 4500	85.8	86.3	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 4000	86.8	87.4	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 3500	88.9	89.5	90.1	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 3000	89.5	90.7	90.9	91.4	91.4	91.5	91.5	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 2500	90.9	91.8	92.4	93.3	93.4	93.5	93.5	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 2000	92.3	93.5	94.2	95.3	95.4	95.5	95.5	95.6	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1500	93.4	94.7	95.4	96.6	96.7	96.9	96.9	97.2	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1200	93.9	95.3	96.0	97.2	97.3	97.5	97.5	97.8	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1000	94.6	96.7	96.7	97.9	98.0	98.2	98.2	98.5	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	95.0	96.6	97.3	98.5	98.6	98.8	98.8	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800	95.0	96.7	97.4	98.6	98.7	98.9	98.9	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	95.2	96.8	97.5	98.7	98.8	99.1	99.1	99.3	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	95.2	96.8	97.5	98.7	98.8	99.1	99.1	99.3	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	95.2	96.8	97.5	98.7	98.8	99.2	99.2	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	95.2	96.8	97.5	98.7	98.8	99.2	99.2	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	95.2	96.8	97.5	98.7	98.8	99.2	99.2	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	95.2	96.8	97.5	98.7	98.8	99.2	99.2	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	95.2	96.8	97.5	98.7	98.8	99.2	99.2	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	95.2	96.8	97.5	98.7	98.8	99.2	99.2	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1926
STATION

HOMESTEAD AFB FL
STATION NAME

69-70,73-80
YEARS

FEET
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1920-1900
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO. OBSERVATIONS	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
≥ 20000	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 18000	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 16000	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 14000	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 12000	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 10000	77.5	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 8000	80.5	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 6000	81.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 4000	82.6	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 2000	83.6	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 1000	84.4	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 500	87.0	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 400	87.7	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 300	89.7	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 200	91.3	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 150	92.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 100	92.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 80	93.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 60	93.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 40	94.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 20	94.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 10	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 5	95.0	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 2	95.0	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 1	95.0	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 0	95.0	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFS WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12726
STATION

HOMESTEAD AFB FL
STATION NAME

69-70, 73-80
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/10	≥ 0	≥ 0
NO CEILING ≥ 20000		70.1	70.3	70.4	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
≥ 18000 ≥ 5000		73.4	73.6	73.8	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 14000 ≥ 2000		73.8	74.0	74.1	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 10000 ≥ 9000		75.9	76.1	76.2	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 8000 ≥ 7000		78.1	78.4	78.5	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 6000 ≥ 5000		80.4	80.6	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 4500 ≥ 4000		81.9	82.2	82.3	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 3500 ≥ 3000		82.7	83.7	83.1	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 2500 ≥ 2000		85.0	85.6	85.7	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 1800 ≥ 1500		87.1	87.6	87.7	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1200 ≥ 1000		89.7	89.8	90.0	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 900 ≥ 800		90.9	91.5	91.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 700 ≥ 600		93.0	93.7	94.1	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 500 ≥ 400		93.7	94.6	94.9	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 300 ≥ 200		94.4	95.3	95.6	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 100 ≥ 0		94.7	95.5	95.9	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 0		95.2	96.1	96.5	97.6	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 0		95.7	96.9	97.3	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 0		95.7	97.7	97.4	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 0		95.9	97.3	97.6	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 0		96.0	97.5	98.0	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 0		96.1	97.6	98.2	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0		96.1	97.6	98.3	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		96.1	97.6	98.3	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		96.1	97.6	98.3	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		96.1	97.6	98.3	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 846

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12526
STATION

HOMESTEAD AFB FL
STATION NAME

69-70,73-80
YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	66.3	67.2	67.5	67.8	67.8	67.9	67.9	67.9	67.9	68.0	68.0	68.0	68.1	68.1	68.1	68.1
≥ 2000	70.3	71.0	71.3	71.5	71.6	71.6	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.9	71.9
≥ 1800	70.4	71.3	71.6	71.8	71.9	71.9	72.0	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.2	72.2
≥ 1600	70.5	71.4	71.7	72.0	72.1	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.3
≥ 1400	70.9	71.9	72.1	72.4	72.4	72.5	72.5	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.8	72.8
≥ 1200	72.2	73.1	73.4	73.7	73.8	73.8	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.1	74.1
≥ 1000	75.5	76.6	76.9	77.2	77.2	77.3	77.3	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.6	77.6
≥ 900	75.9	76.9	77.2	77.6	77.6	77.7	77.7	77.7	77.7	77.8	77.8	77.8	77.9	77.9	77.9	77.9
≥ 800	78.1	79.3	79.7	80.0	80.0	80.1	80.1	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.4	80.4
≥ 700	79.2	80.3	80.8	81.1	81.2	81.3	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.5	81.5
≥ 6000	80.2	81.4	81.9	82.2	82.3	82.3	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.6	82.6
≥ 5000	82.6	83.9	84.4	84.8	84.9	85.0	85.0	85.0	85.0	85.1	85.1	85.1	85.2	85.2	85.2	85.2
≥ 4500	84.7	86.1	86.6	87.1	87.2	87.3	87.3	87.3	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5
≥ 4000	86.8	88.3	88.8	89.4	89.5	89.6	89.6	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.9	89.9
≥ 3500	88.1	89.6	90.2	90.9	91.0	91.1	91.1	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.4	91.4
≥ 3000	89.6	91.3	92.1	92.8	93.1	93.1	93.1	93.2	93.2	93.3	93.3	93.4	93.4	93.4	93.4	93.4
≥ 2500	90.7	92.6	93.5	94.3	94.4	94.6	94.6	94.7	94.8	94.9	94.9	94.9	94.9	94.9	95.0	95.0
≥ 2000	91.5	93.4	94.3	95.2	95.3	95.6	95.7	95.7	95.8	95.9	95.9	96.0	96.0	96.0	96.0	96.0
≥ 1800	91.7	93.7	94.6	95.5	95.6	95.9	96.0	96.1	96.1	96.2	96.2	96.3	96.3	96.3	96.4	96.4
≥ 1500	92.4	94.4	95.4	96.3	96.4	96.7	96.8	96.9	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1
≥ 1200	92.9	95.1	96.0	97.0	97.1	97.4	97.5	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.9
≥ 1000	93.1	95.3	96.3	97.3	97.5	97.7	97.8	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.2	98.2
≥ 900	93.2	95.4	96.4	97.4	97.6	97.8	97.9	98.0	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3
≥ 800	93.3	95.5	96.5	97.6	97.8	98.0	98.1	98.2	98.3	98.4	98.4	98.4	98.4	98.5	98.5	98.5
≥ 700	93.4	95.7	96.7	97.8	98.0	98.2	98.3	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.8
≥ 600	93.5	95.8	96.9	98.0	98.2	98.5	98.6	98.7	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.1
≥ 500	93.6	96.0	97.1	98.2	98.4	98.7	98.8	98.9	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3
≥ 400	93.7	96.1	97.3	98.4	98.6	98.9	99.0	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.6
≥ 300	93.7	96.1	97.3	98.4	98.6	99.0	99.2	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.8
≥ 200	93.7	96.1	97.3	98.4	98.7	99.0	99.2	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.9
≥ 100	93.7	96.1	97.3	98.4	98.7	99.0	99.2	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.8	100.0
≥ 0	93.7	96.1	97.3	98.4	98.7	99.0	99.2	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 6768

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ALC WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17626
STATION

HOMESTEAD AFB FL
STATION NAME

69-70, 73-80
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅜	≥⅝	≥⅜	≥0
NO CEILING		76.0	77.3	77.6	77.6	77.6	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.8
≥2000		78.8	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.6
≥1800		78.8	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.6
≥1600		78.9	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.8
≥1400		78.9	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.8
≥1200		79.4	80.6	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.2
≥1000		82.7	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.5
≥900		83.0	84.3	84.6	84.6	84.6	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.8
≥800		84.1	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.9
≥700		85.6	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.4
≥600		86.1	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	88.0
≥500		88.6	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.4
≥450		90.0	91.3	91.6	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.9
≥400		91.3	92.6	92.9	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.2
≥3500		91.9	93.2	93.7	93.8	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	94.0
≥3000		93.3	94.6	95.4	95.5	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.7
≥2500		94.4	96.1	96.5	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.8
≥2000		95.9	97.5	98.1	98.1	98.1	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.4
≥1800		96.0	97.6	98.2	98.3	98.3	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.6
≥1500		96.5	98.1	98.6	98.7	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.1
≥1200		96.7	98.3	98.8	98.9	99.0	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.4
≥1000		96.7	98.3	98.8	98.9	99.0	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.4
≥900		96.8	98.4	98.9	99.0	99.1	99.1	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.5
≥800		96.9	98.5	99.0	99.1	99.2	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.6
≥700		97.0	98.6	99.1	99.2	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.7
≥600		97.1	98.7	99.2	99.4	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.8
≥500		97.2	98.8	99.4	99.5	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.9
≥400		97.2	98.8	99.4	99.5	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥300		97.2	98.8	99.4	99.5	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥200		97.2	98.8	99.4	99.5	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥100		97.2	98.8	99.4	99.5	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0
≥0		97.2	98.8	99.4	99.5	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12626
STATION

HOMESTEAD AFB FL
STATION NAME

69-70,73-80
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING		72.6	74.4	75.1	75.5	75.5	75.7	75.9	76.0	76.1	76.1	76.2	76.2	76.2	76.3	76.7
≥ 20000		75.7	77.5	78.2	78.6	78.6	78.8	79.0	79.1	79.2	79.2	79.4	79.4	79.4	79.5	79.6
≥ 18000		75.8	77.6	78.3	78.7	78.7	78.9	79.1	79.2	79.4	79.4	79.5	79.5	79.5	79.6	79.9
≥ 16000		75.8	77.6	78.3	78.7	78.7	78.9	79.1	79.2	79.4	79.4	79.5	79.5	79.5	79.6	79.9
≥ 14000		75.8	77.6	78.3	78.7	78.7	78.9	79.1	79.2	79.4	79.4	79.5	79.5	79.5	79.6	79.9
≥ 12000		76.2	78.1	78.7	79.1	79.1	79.4	79.6	79.7	79.8	79.8	79.9	79.9	79.9	80.0	80.3
≥ 10000		79.4	81.2	81.8	82.3	82.3	82.5	82.7	82.8	82.9	82.9	83.1	83.1	83.1	83.1	83.4
≥ 9000		79.5	81.3	81.9	82.4	82.4	82.6	82.8	82.9	83.0	83.0	83.1	83.1	83.1	83.2	83.5
≥ 8000		81.0	82.8	83.7	84.1	84.1	84.3	84.5	84.6	84.7	84.7	84.8	84.8	84.8	84.9	85.3
≥ 7000		82.0	83.9	84.7	85.2	85.2	85.4	85.6	85.7	85.8	85.8	85.9	85.9	85.9	86.0	86.3
≥ 6000		82.6	84.4	85.3	85.7	85.7	85.9	86.1	86.2	86.3	86.3	86.5	86.5	86.5	86.6	86.9
≥ 5000		85.2	87.0	87.8	88.3	88.3	88.5	88.7	88.8	88.9	88.9	89.0	89.0	89.0	89.1	89.5
≥ 4500		86.7	88.5	89.5	89.9	89.9	90.1	90.3	90.4	90.5	90.5	90.6	90.6	90.6	90.8	91.1
≥ 4000		88.0	89.8	90.8	91.2	91.2	91.4	91.6	91.7	91.8	91.8	91.9	91.9	91.9	92.0	92.4
≥ 3500		88.5	90.3	91.3	91.7	91.7	91.9	92.2	92.3	92.4	92.4	92.5	92.5	92.5	92.6	92.9
≥ 3000		90.6	92.7	93.7	94.1	94.1	94.3	94.5	94.6	94.7	94.7	94.8	94.8	94.8	94.9	95.3
≥ 2500		91.4	93.4	94.4	94.8	94.8	95.1	95.3	95.4	95.5	95.5	95.6	95.6	95.6	95.7	96.0
≥ 2000		92.3	94.3	95.3	95.7	95.7	95.9	96.1	96.2	96.3	96.3	96.5	96.5	96.5	96.6	96.9
≥ 1800		92.4	94.4	95.4	95.8	95.8	96.0	96.2	96.3	96.5	96.5	96.6	96.6	96.6	96.7	97.0
≥ 1500		93.0	95.2	96.2	96.7	96.7	96.9	97.1	97.2	97.3	97.3	97.4	97.4	97.4	97.5	97.8
≥ 1200		93.3	95.5	96.6	97.0	97.0	97.2	97.4	97.5	97.6	97.6	97.7	97.7	97.7	97.8	98.2
≥ 1000		93.4	95.9	97.0	97.4	97.4	97.6	97.8	98.0	98.1	98.1	98.2	98.2	98.2	98.3	98.6
≥ 900		93.7	96.1	97.2	97.6	97.6	97.8	98.1	98.2	98.3	98.3	98.4	98.4	98.4	98.5	98.8
≥ 800		93.8	96.2	97.3	97.7	97.7	98.0	98.2	98.3	98.4	98.4	98.5	98.5	98.5	98.6	98.9
≥ 700		94.0	96.6	97.6	98.1	98.1	98.3	98.5	98.6	98.7	98.7	98.8	98.8	98.8	98.9	99.2
≥ 600		94.0	96.6	97.7	98.1	98.1	98.3	98.5	98.7	98.8	98.9	99.0	99.0	99.0	99.1	99.5
≥ 500		94.1	96.7	97.8	98.4	98.4	98.6	98.8	98.9	99.0	99.0	99.1	99.1	99.1	99.2	99.6
≥ 400		94.1	96.7	97.8	98.5	98.5	98.7	98.9	99.0	99.1	99.1	99.2	99.2	99.2	99.5	99.8
≥ 300		94.1	96.7	97.8	98.5	98.5	98.7	98.9	99.0	99.1	99.1	99.2	99.2	99.2	99.5	99.8
≥ 200		94.1	96.7	97.8	98.5	98.5	98.7	98.9	99.0	99.1	99.1	99.2	99.2	99.2	99.5	99.8
≥ 100		94.1	96.7	97.8	98.5	98.5	98.7	98.9	99.0	99.2	99.2	99.4	99.4	99.4	99.6	99.9
≥ 0		94.1	96.7	97.8	98.5	98.5	98.7	98.9	99.0	99.2	99.2	99.4	99.4	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1726
STATION

HOMESTEAD AFB FL
STATION NAME

69-70, 73-80
YEARS

MAP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

7600-2800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/10	≥ 1/8	≥ 0
NO CEILING		65.8	69.4	70.3	70.5	70.6	70.8	70.9	71.0	71.1	71.4	71.4	71.4	71.4	71.6	71.7
≥ 20000		70.5	74.2	75.2	75.4	75.5	75.6	75.8	75.9	76.0	76.3	76.3	76.3	76.3	76.6	76.7
≥ 18000		70.9	74.5	75.5	75.7	75.8	75.9	76.1	76.2	76.3	76.7	76.7	76.7	76.7	76.9	77.0
≥ 16000		71.0	74.6	75.6	75.8	75.9	76.0	76.2	76.3	76.5	76.8	76.8	76.8	76.8	77.0	77.1
≥ 14000		71.2	74.8	75.8	76.0	76.1	76.2	76.5	76.6	76.7	77.0	77.0	77.0	77.2	77.3	77.6
≥ 12000		71.4	75.1	76.0	76.2	76.3	76.5	76.7	76.8	76.9	77.2	77.2	77.2	77.2	77.4	77.8
≥ 10000		75.7	79.4	80.3	80.5	80.6	80.8	81.0	81.1	81.2	81.5	81.5	81.5	81.5	81.7	81.8
≥ 9000		76.1	79.8	80.8	81.0	81.1	81.2	81.4	81.5	81.6	81.9	81.9	81.9	81.9	82.2	82.6
≥ 8000		78.4	82.2	83.1	83.3	83.5	83.7	83.9	84.0	84.1	84.4	84.4	84.4	84.4	84.6	85.1
≥ 7000		79.1	82.9	83.9	84.1	84.3	84.4	84.6	84.7	84.8	85.2	85.2	85.2	85.2	85.4	85.8
≥ 6000		79.6	83.3	84.3	84.6	84.8	84.9	85.2	85.3	85.4	85.7	85.7	85.7	85.7	85.9	86.3
≥ 5000		81.1	85.2	86.1	86.5	86.7	86.8	87.0	87.1	87.2	87.5	87.5	87.5	87.5	87.7	88.2
≥ 4500		82.6	86.7	87.6	88.0	88.2	88.3	88.5	88.6	88.7	89.0	89.0	89.0	89.0	89.2	89.7
≥ 4000		83.9	88.1	89.0	89.4	89.6	89.7	89.9	90.0	90.1	90.4	90.4	90.4	90.4	90.8	91.1
≥ 3500		85.2	89.4	90.3	90.6	90.9	91.0	91.2	91.3	91.4	91.7	91.7	91.7	91.7	91.9	92.4
≥ 3000		87.1	91.5	92.6	92.9	93.1	93.2	93.4	93.5	93.7	94.0	94.0	94.0	94.0	94.2	94.6
≥ 2500		87.8	92.4	93.4	93.8	94.0	94.1	94.3	94.4	94.5	94.8	94.8	94.8	94.8	95.1	95.5
≥ 2000		89.5	94.1	95.3	95.7	95.9	96.2	96.5	96.6	96.7	97.0	97.0	97.0	97.0	97.2	97.7
≥ 1800		89.7	94.3	95.5	95.9	96.1	96.5	96.7	96.8	96.9	97.2	97.2	97.2	97.2	97.4	97.6
≥ 1500		90.0	94.6	95.8	96.3	96.6	96.9	97.1	97.2	97.3	97.6	97.6	97.6	97.6	97.8	98.4
≥ 1200		90.0	94.6	95.8	96.3	96.6	96.9	97.1	97.2	97.3	97.6	97.6	97.6	97.6	97.8	98.4
≥ 1000		90.2	94.8	96.0	96.6	96.8	97.1	97.3	97.4	97.5	97.8	97.8	97.8	97.8	98.1	98.6
≥ 900		90.3	94.9	96.1	96.7	96.9	97.2	97.4	97.5	97.6	97.9	97.9	97.9	97.9	98.2	98.7
≥ 800		90.3	95.1	96.2	96.8	97.0	97.3	97.5	97.6	97.7	98.1	98.1	98.1	98.1	98.3	98.8
≥ 700		90.3	95.1	96.2	96.8	97.0	97.3	97.5	97.6	97.7	98.1	98.1	98.1	98.1	98.3	98.8
≥ 600		90.3	95.1	96.2	96.8	97.0	97.3	97.5	97.6	97.7	98.1	98.1	98.1	98.1	98.3	98.8
≥ 500		90.3	95.2	96.3	96.9	97.1	97.4	97.6	97.7	97.8	98.2	98.2	98.2	98.2	98.5	99.0
≥ 400		90.3	95.2	96.3	96.9	97.1	97.4	97.6	97.7	97.8	98.2	98.2	98.2	98.2	98.5	99.4
≥ 300		90.3	95.2	96.3	96.9	97.1	97.4	97.6	97.7	97.8	98.2	98.2	98.2	98.2	98.5	99.9
≥ 200		90.3	95.2	96.3	96.9	97.1	97.4	97.6	97.7	97.8	98.2	98.2	98.2	98.2	98.5	100.0
≥ 100		90.3	95.2	96.3	96.9	97.1	97.4	97.6	97.7	97.8	98.2	98.2	98.2	98.2	98.5	100.0
≥ 0		90.3	95.2	96.3	96.9	97.1	97.4	97.6	97.7	97.8	98.2	98.2	98.2	98.2	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

CEILING VERSUS VISIBILITY

MAP

2900-1100
HOURS (L.S.T.)

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12-26
STATION

HOMESTEAD AFB FL
STATION NAME

69-70,73-80
YEARS

MAP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING ≥ 20000	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
IV 18000 16000	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
IV 14000 12000	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
IV 10000 9000	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
IV 8000 7000	85.3	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
IV 6000 5000	86.9	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
IV 4500 4000	89.4	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
IV 3500 3000	91.4	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 2500 2000	94.9	95.3	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 1800 1500	97.2	97.6	98.0	98.2	98.2	98.4	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
IV 1200 1000	98.1	98.6	98.9	99.1	99.1	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 900 800	98.1	98.6	98.9	99.1	99.1	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 700 600	98.1	98.7	99.0	99.2	99.2	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IV 500 400	98.1	98.7	99.0	99.2	99.2	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IV 300 200	98.1	98.7	99.0	99.2	99.2	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
IV 100 0	98.1	98.7	99.0	99.2	99.2	99.6	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1326
STATION

HOMESTEAD AFB FL
STATION NAME

69-70,73-80
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	1.1	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 20000	1.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 18000	1.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 16000	1.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 14000	1.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 12000	1.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 10000	1.1	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 9000	1.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 8000	1.1	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 7000	1.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 6000	1.1	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 5000	1.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 4500	1.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 4000	1.1	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 3500	1.1	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 3000	1.1	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8
≥ 2500	1.1	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3
≥ 2000	1.1	97.5	98.1	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1800	1.1	97.6	98.2	98.3	98.3	98.4	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1500	1.1	98.5	99.0	99.1	99.4	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	1.1	98.5	99.0	99.1	99.4	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	1.1	98.5	99.0	99.1	99.4	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	1.1	98.5	99.0	99.1	99.4	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	1.1	98.5	99.0	99.1	99.4	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	1.1	98.5	99.0	99.1	99.4	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	1.1	98.5	99.0	99.1	99.4	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	1.1	98.5	99.0	99.1	99.5	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	1.1	98.5	99.0	99.1	99.5	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	1.1	98.5	99.0	99.1	99.5	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	1.1	98.5	99.0	99.1	99.5	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	1.1	98.5	99.0	99.1	99.5	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	1.1	98.5	99.0	99.1	99.5	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 931

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

10026
STATION

HOMESTEAD AFB FL
STATION NAME

69-70,73-80
YEARS

MAP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	.5	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 20000	.5	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 18000	.5	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 16000	.5	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 14000	.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 12000	.5	82.9	83.1	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 10000	.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 9000	.5	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 8000	.5	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 7000	.5	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 6000	.5	90.1	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 5000	.5	91.7	91.8	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 4500	.5	92.2	92.3	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 4000	.5	94.4	94.5	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 3500	.5	94.8	94.9	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 3000	.5	96.2	96.3	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 2500	.5	96.8	96.9	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 2000	.5	97.6	97.7	98.0	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1800	.5	97.7	97.8	98.1	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1500	.5	98.3	98.4	98.6	98.8	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1200	.5	98.6	98.7	98.9	99.1	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	.5	98.6	98.7	98.9	99.1	99.1	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	.5	98.6	98.7	98.9	99.1	99.1	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	.5	98.6	98.7	98.9	99.1	99.1	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	.5	98.6	98.7	98.9	99.1	99.1	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	.5	98.6	98.7	98.9	99.1	99.2	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	.5	98.6	98.7	98.9	99.1	99.2	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	.5	98.6	98.7	98.9	99.1	99.2	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	.5	98.6	98.7	98.9	99.1	99.2	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	.5	98.6	98.7	98.9	99.1	99.2	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	.5	98.6	98.7	98.9	99.1	99.2	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ U	.5	98.6	98.7	98.9	99.1	99.2	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12820
STATION

HOMESTEAD AFB FL
STATION NAME

69-70,73-80
YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING		32.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8
≥ 20000		85.7	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 18000		95.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 16000		85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 14000		85.6	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 12000		85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 10000		88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 9000		89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 8000		90.2	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 7000		90.5	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 6000		91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 5000		93.1	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 4500		94.2	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 4000		95.9	96.3	96.5	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 3500		96.1	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 3000		97.2	97.6	97.7	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 2500		97.4	97.8	98.1	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2000		98.1	98.5	98.8	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1800		98.4	98.8	99.1	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1500		98.6	99.0	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200		98.8	99.0	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000		98.6	99.0	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900		98.6	99.0	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800		98.6	99.0	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700		98.6	99.0	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600		98.6	99.0	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500		98.6	99.0	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400		98.6	99.0	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300		93.6	99.0	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200		98.6	99.0	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100		98.6	99.0	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0		98.6	99.0	99.5	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF WEATHER SERVICE/MAL

CEILING VERSUS VISIBILITY

1226
STATION

HOMESTEAD AFB FL
STATION NAME

69-70, 73-80
YEARS

4AP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.R.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/8	≥0	≥0
NO CEILING ≥ 20000	.3	72.1	73.1	73.3	73.4	73.4	73.5	73.5	73.5	73.6	73.6	73.7	73.7	73.7	73.7	73.8
≥ 18000	.3	77.4	78.3	78.6	78.7	78.7	78.8	78.8	78.8	78.9	79.0	79.0	79.0	79.0	79.0	79.1
≥ 16000	.3	77.6	78.6	78.8	78.9	79.0	79.0	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.3	79.4
≥ 14000	.4	77.8	78.8	79.0	79.1	79.1	79.2	79.2	79.2	79.3	79.4	79.4	79.4	79.4	79.4	79.5
≥ 12000	.4	78.2	79.2	79.5	79.6	79.6	79.6	79.7	79.7	79.8	79.8	79.9	79.9	79.9	79.9	80.0
≥ 10000	.4	79.1	80.1	80.3	80.4	80.4	80.5	80.5	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.8
≥ 9000	.4	8.6	83.6	83.8	83.9	84.0	84.0	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.3	84.4
≥ 8000	.4	83.1	84.1	84.3	84.4	84.4	84.5	84.5	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.8
≥ 7000	.4	84.4	85.4	85.7	85.8	85.9	85.9	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.2	86.3
≥ 6000	.4	85.1	86.2	86.5	86.6	86.6	86.7	86.7	86.8	86.8	86.9	86.9	86.9	86.9	86.9	87.0
≥ 5000	.4	85.8	86.9	87.2	87.3	87.4	87.4	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.7	87.8
≥ 4500	.4	87.5	89.1	89.4	89.6	89.6	89.6	89.7	89.7	89.8	89.8	89.9	89.9	89.9	89.9	90.0
≥ 4000	.4	88.9	90.1	90.4	90.6	90.6	90.6	90.7	90.7	90.8	90.8	90.8	90.8	90.9	90.9	91.0
≥ 3500	.4	90.6	91.7	92.1	92.3	92.3	92.4	92.4	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.7
≥ 3000	.4	91.4	92.5	93.0	93.1	93.2	93.2	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.5	93.6
≥ 2500	.4	93.1	94.3	94.8	94.9	95.0	95.0	95.1	95.1	95.2	95.2	95.2	95.2	95.3	95.3	95.4
≥ 2000	.4	93.9	95.2	95.6	95.8	95.9	95.9	96.0	96.0	96.1	96.1	96.1	96.1	96.2	96.2	96.3
≥ 1800	.4	95.3	96.7	97.2	97.4	97.4	97.5	97.6	97.7	97.8	97.8	97.8	97.8	97.9	97.9	98.0
≥ 1600	.4	95.5	96.9	97.4	97.7	97.7	97.8	97.9	97.9	98.1	98.1	98.1	98.1	98.2	98.2	98.3
≥ 1400	.4	96.3	97.5	98.0	98.3	98.3	98.5	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.9	99.0
≥ 1200	.4	96.3	97.7	98.2	98.5	98.5	98.7	98.8	98.8	99.0	99.0	99.0	99.0	99.1	99.1	99.2
≥ 1000	.4	96.4	97.8	98.4	98.7	98.7	98.9	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.3	99.4
≥ 900	.4	96.4	97.9	98.4	98.7	98.8	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.4
≥ 800	.4	96.5	97.9	98.5	98.8	98.8	99.0	99.1	99.1	99.2	99.3	99.3	99.3	99.4	99.4	99.5
≥ 700	.4	96.5	98.0	98.6	98.9	98.9	99.1	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.5	99.6
≥ 600	.4	96.5	98.1	98.6	98.9	99.0	99.2	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.6	99.7
≥ 500	.4	96.6	98.1	98.7	99.0	99.0	99.2	99.3	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.8
≥ 400	.4	96.6	98.1	98.7	99.0	99.1	99.3	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.8	99.9
≥ 300	.4	96.6	98.1	98.7	99.0	99.1	99.3	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.8	99.9
≥ 200	.4	96.6	98.1	98.7	99.0	99.1	99.3	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.8	100.0
≥ 100	.4	96.6	98.1	98.7	99.0	99.1	99.3	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.8	100.0
≥ 0	.4	96.6	98.1	98.7	99.0	99.1	99.3	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17026 STATION HOMESTEAD AFB FL 69-70,73-80 YEARS MONTH APR 0000-0600 HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING		76.7	77.2	77.9	78.1	78.1	78.2	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 20000		85.8	81.3	82.0	82.2	82.2	82.3	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 18000		85.8	81.3	82.0	82.2	82.2	82.3	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 16000		85.8	81.3	82.0	82.2	82.2	82.3	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 14000		81.1	81.7	82.3	82.6	82.6	82.7	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 12000		82.0	82.6	83.2	83.4	83.4	83.6	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 10000		83.3	83.9	84.6	84.8	84.8	84.9	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 9000		83.7	84.2	84.9	85.1	85.1	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 8000		85.1	85.7	86.3	86.6	86.6	86.7	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 7000		86.7	87.3	88.0	88.2	88.2	88.3	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 6000		87.8	88.4	89.3	89.7	89.7	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 5000		89.4	90.1	91.0	91.3	91.3	91.4	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 4500		90.3	90.9	91.8	92.1	92.1	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 4000		91.7	92.3	93.2	93.6	93.6	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 3500		92.9	93.6	94.4	94.8	94.8	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 3000		93.7	94.3	95.2	95.6	95.6	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 2500		95.0	96.0	96.9	97.2	97.2	97.3	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 2000		96.4	97.4	98.3	98.7	98.7	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1800		96.7	97.7	98.6	98.9	98.9	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1600		96.9	97.9	98.8	99.1	99.1	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1400		96.9	97.9	98.9	99.2	99.2	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200		96.9	97.9	98.9	99.2	99.2	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000		96.9	97.9	98.9	99.2	99.2	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900		96.9	97.9	98.9	99.2	99.2	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800		96.9	97.9	98.9	99.2	99.2	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700		96.9	97.9	98.9	99.2	99.2	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600		96.9	97.9	98.9	99.2	99.2	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500		96.9	97.9	98.9	99.2	99.2	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400		96.9	97.9	98.9	99.2	99.2	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300		96.9	97.9	98.9	99.2	99.2	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200		96.9	97.9	98.9	99.2	99.2	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100		96.9	97.9	98.9	99.2	99.2	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0		96.9	97.9	98.9	99.2	99.2	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 400

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF Weather Service/MAC

CEILING VERSUS VISIBILITY

10426
STATION

HOMESTEAD AFB FL
STATION NAME

69-70, 73-80
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1300-1500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000		78.3	79.2	79.3	79.9	79.9	79.9	80.0	80.1	80.1	80.6	80.8	80.3	80.9	81.7	81.1
≥ 18000		81.4	81.3	81.4	82.0	82.0	82.0	82.1	82.2	82.2	82.7	82.9	82.9	83.0	83.1	83.2
≥ 16000		81.4	81.3	81.4	82.0	82.0	82.0	82.2	82.3	82.3	82.8	83.0	83.0	83.1	83.2	83.3
≥ 14000		80.4	81.3	81.4	82.0	82.0	82.3	82.2	82.3	82.3	82.8	83.0	83.0	83.1	83.7	83.3
≥ 12000		80.9	81.3	81.9	82.4	82.4	82.4	82.7	82.8	82.8	83.2	83.4	83.4	83.6	83.7	83.8
≥ 10000		82.7	83.6	83.7	84.2	84.2	84.2	84.4	84.6	84.6	85.0	85.2	85.2	85.3	85.4	85.6
≥ 9000		83.0	83.9	84.0	84.6	84.6	84.6	84.8	84.9	84.9	85.3	85.6	85.6	85.7	85.8	85.9
≥ 8000		84.2	85.1	85.2	85.8	85.8	85.8	86.0	86.1	86.1	86.6	86.8	86.8	86.9	87.7	87.1
≥ 7000		84.9	85.9	86.0	86.6	86.6	86.6	86.8	86.9	86.9	87.3	87.6	87.6	87.7	87.8	87.9
≥ 6000		86.1	87.1	87.2	87.8	87.8	87.8	88.0	88.1	88.1	88.6	88.8	88.8	88.9	89.0	89.1
≥ 5000		87.4	88.4	88.6	89.1	89.1	89.1	89.3	89.4	89.4	89.9	90.1	90.1	90.2	90.3	90.4
≥ 4500		88.7	89.7	89.8	90.3	90.3	90.3	90.6	90.7	90.7	91.1	91.3	91.3	91.4	91.6	91.7
≥ 4000		89.9	90.9	91.0	91.6	91.6	91.6	91.8	91.9	91.9	92.3	92.6	92.6	92.7	92.8	92.9
≥ 3500		91.9	91.9	92.0	92.6	92.6	92.6	92.8	92.9	92.9	93.3	93.6	93.6	93.7	93.8	93.9
≥ 3000		92.7	93.8	93.9	94.4	94.4	94.4	94.7	94.8	94.8	95.2	95.4	95.4	95.6	95.7	95.8
≥ 2500		94.3	95.6	95.7	96.2	96.2	96.2	96.6	96.7	96.7	97.1	97.3	97.3	97.4	97.6	97.7
≥ 2000		95.0	96.2	96.3	97.0	97.0	97.0	97.4	97.6	97.6	98.0	98.2	98.2	98.3	98.4	98.6
≥ 1800		95.1	96.3	96.4	97.1	97.1	97.1	97.6	97.7	97.7	98.1	98.3	98.3	98.4	98.6	98.7
≥ 1500		95.6	96.8	96.9	97.6	97.6	97.6	98.0	98.1	98.1	98.6	98.8	98.8	98.9	99.0	99.1
≥ 1200		95.6	96.8	96.9	97.6	97.6	97.6	98.0	98.1	98.1	98.7	98.9	98.9	99.0	99.1	99.2
≥ 1000		95.6	96.8	96.9	97.7	97.7	97.7	98.1	98.2	98.2	98.8	99.0	99.0	99.1	99.2	99.3
≥ 900		95.6	96.8	96.9	97.7	97.7	97.7	98.1	98.2	98.2	98.8	99.0	99.0	99.1	99.2	99.3
≥ 800		95.6	96.8	96.9	97.7	97.7	97.7	98.1	98.2	98.2	98.8	99.0	99.0	99.1	99.2	99.3
≥ 700		95.6	96.8	96.9	97.7	97.7	97.7	98.1	98.2	98.2	98.8	99.0	99.0	99.1	99.2	99.3
≥ 600		95.6	96.8	96.9	97.7	97.7	97.7	98.1	98.2	98.2	98.8	99.0	99.0	99.1	99.2	99.3
≥ 500		95.6	96.8	96.9	97.7	97.7	97.7	98.1	98.2	98.2	98.8	99.0	99.0	99.1	99.2	99.3
≥ 400		95.6	96.8	96.9	97.7	97.7	97.7	98.1	98.2	98.2	98.8	99.0	99.0	99.1	99.2	99.3
≥ 300		95.6	96.8	96.9	97.7	97.7	97.7	98.1	98.2	98.2	98.8	99.0	99.0	99.1	99.2	99.3
≥ 200		95.6	96.8	96.9	97.7	97.7	97.7	98.1	98.2	98.2	98.8	99.0	99.0	99.1	99.2	99.3
≥ 100		95.6	96.8	96.9	97.7	97.7	97.7	98.1	98.2	98.2	98.8	99.0	99.0	99.1	99.2	99.3
≥ 0		95.6	96.8	96.9	97.7	97.7	97.7	98.1	98.2	98.2	98.8	99.0	99.0	99.1	99.2	99.3

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 -26 HOMESTEAD AFB FL

69-70,73-80

APR

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

600-6800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING ≥ 20000	69.6	73.2	74.4	75.2	75.4	75.9	76.2	76.2	76.3	76.3	76.3	76.3	76.4	76.4	76.6	76.7
≥ 18000	74.3	73.2	79.4	80.2	80.4	81.0	81.3	81.3	81.4	81.4	81.4	81.4	81.6	81.6	81.7	81.8
≥ 16000	74.3	79.2	79.4	80.2	80.4	81.0	81.3	81.3	81.4	81.4	81.4	81.4	81.6	81.6	81.7	81.8
≥ 14000	74.6	78.4	79.7	80.4	80.7	81.2	81.6	81.6	81.7	81.7	81.7	81.7	81.8	81.8	81.9	82.0
≥ 12000	74.8	78.7	79.9	80.7	80.9	81.4	81.8	81.8	81.9	81.9	81.9	81.9	82.0	82.0	82.1	82.2
≥ 10000	75.8	79.7	80.9	81.7	81.9	82.4	82.8	82.8	82.9	82.9	82.9	82.9	83.0	83.0	83.1	83.2
≥ 8000	77.9	81.8	83.0	83.8	84.3	84.6	84.9	84.9	85.0	85.0	85.0	85.0	85.1	85.1	85.2	85.3
≥ 6000	77.9	81.8	83.0	83.8	84.3	84.6	84.9	84.9	85.0	85.0	85.0	85.0	85.1	85.1	85.2	85.3
≥ 4000	80.1	84.0	85.2	86.0	86.3	86.9	87.2	87.2	87.3	87.3	87.3	87.3	87.4	87.4	87.6	87.7
≥ 3000	81.4	85.6	86.8	87.6	87.9	88.4	88.8	88.8	88.9	88.9	88.9	88.9	89.0	89.0	89.1	89.2
≥ 2000	82.1	86.3	87.7	88.4	88.8	89.3	89.7	89.7	89.8	89.8	89.8	89.8	89.9	89.9	90.0	90.1
≥ 1500	84.3	88.7	90.0	90.8	91.1	91.7	92.0	92.0	92.1	92.1	92.1	92.1	92.2	92.2	92.3	92.4
≥ 1000	85.1	89.4	90.8	91.6	91.9	92.4	92.8	92.8	92.9	92.9	92.9	92.9	93.0	93.0	93.1	93.2
≥ 800	86.9	91.2	92.6	93.3	93.7	94.2	94.6	94.6	94.7	94.7	94.7	94.7	94.8	94.8	94.9	95.0
≥ 600	87.7	92.1	93.3	94.1	94.4	95.0	95.3	95.3	95.4	95.4	95.4	95.4	95.6	95.6	95.7	95.8
≥ 400	88.6	92.9	94.2	95.0	95.3	95.9	96.2	96.2	96.3	96.3	96.3	96.3	96.4	96.4	96.6	96.7
≥ 250	89.7	94.1	95.4	96.2	96.6	97.1	97.4	97.4	97.6	97.6	97.6	97.6	97.8	97.8	97.9	98.0
≥ 200	90.0	94.7	96.0	96.9	97.3	97.9	98.2	98.2	98.3	98.3	98.3	98.3	98.6	98.6	98.7	98.8
≥ 150	90.0	94.8	96.1	97.0	97.4	98.0	98.3	98.3	98.4	98.4	98.4	98.4	98.7	98.7	98.8	98.9
≥ 100	90.0	94.8	96.1	97.0	97.4	98.0	98.3	98.3	98.4	98.4	98.4	98.4	98.7	98.7	98.8	98.9
≥ 80	90.0	94.8	96.1	97.0	97.4	98.0	98.3	98.3	98.4	98.4	98.4	98.4	98.7	98.7	98.8	98.9
≥ 60	90.0	94.8	96.1	97.0	97.4	98.0	98.3	98.3	98.4	98.4	98.4	98.4	98.7	98.7	98.8	98.9
≥ 40	90.0	94.8	96.1	97.0	97.4	98.0	98.3	98.3	98.4	98.4	98.4	98.4	98.7	98.7	98.8	98.9
≥ 30	90.0	94.8	96.1	97.0	97.4	98.0	98.3	98.3	98.4	98.4	98.4	98.4	98.7	98.7	98.8	98.9
≥ 20	90.0	94.8	96.1	97.0	97.4	98.0	98.3	98.3	98.4	98.4	98.4	98.4	98.7	98.7	98.8	98.9
≥ 10	90.0	94.8	96.1	97.0	97.4	98.0	98.3	98.3	98.4	98.4	98.4	98.4	98.7	98.7	98.8	98.9
≥ 5	90.0	94.8	96.1	97.0	97.4	98.0	98.3	98.3	98.4	98.4	98.4	98.4	98.7	98.7	98.8	98.9
≥ 3	90.0	94.8	96.1	97.0	97.4	98.0	98.3	98.3	98.4	98.4	98.4	98.4	98.7	98.7	98.8	98.9
≥ 2	90.0	94.8	96.1	97.0	97.4	98.0	98.3	98.3	98.4	98.4	98.4	98.4	98.7	98.7	98.8	98.9
≥ 1	90.0	94.8	96.1	97.0	97.4	98.0	98.3	98.3	98.4	98.4	98.4	98.4	98.7	98.7	98.8	98.9
≥ 0	90.0	94.8	96.1	97.0	97.4	98.0	98.3	98.3	98.4	98.4	98.4	98.4	98.7	98.7	98.8	98.9

TOTAL NUMBER OF OBSERVATIONS 920

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

10226
STATION

HOMESTEAD AFB FL
STATION NAME

69-70,73-80
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	.4	72.7	73.9	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 18000	.4	80.0	81.2	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 16000	.4	80.2	81.4	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 14000	.4	80.7	81.9	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 12000	.4	82.0	83.2	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 10000	.4	84.7	85.9	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 9000	.4	85.0	86.2	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 8000	.4	87.2	88.4	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 7000	.4	88.9	90.1	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 6000	.4	89.2	90.4	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 5000	.4	90.8	92.0	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 4500	.4	91.0	92.2	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 4000	.4	92.1	93.4	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 3500	.4	92.8	94.1	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 3000	.4	93.2	94.8	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2500	.4	94.1	95.7	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 2000	.4	96.3	97.9	98.3	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1800	.4	96.6	98.1	98.6	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1500	.4	97.0	98.6	99.0	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	.4	97.3	98.9	99.3	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	.4	97.3	98.9	99.3	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	.4	97.3	98.9	99.3	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	.4	97.3	98.9	99.3	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	.4	97.3	98.9	99.3	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	.4	97.3	98.9	99.3	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	.4	97.3	98.9	99.3	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	.4	97.3	98.9	99.3	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	.4	97.3	98.9	99.3	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	.4	97.3	98.9	99.3	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	.4	97.3	98.9	99.3	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	.4	97.3	98.9	99.3	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12220
STATION

HOMESTEAD AFB FL
STATION NAME

69-70,73-80
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING ≥ 20000	71.3	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 18000 ≥ 6000	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 14000 ≥ 2000	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 10000 ≥ 9000	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 8000 ≥ 7000	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 6000 ≥ 5000	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 4500 ≥ 4000	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 3500 ≥ 3000	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 2500 ≥ 2000	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 1800 ≥ 1500	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1200 ≥ 1000	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900 ≥ 800	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700 ≥ 600	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500 ≥ 400	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300 ≥ 200	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100 0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17226
STATION

HOMESTEAD AFB FL
STATION NAME

69-70,73-80
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 0	≥ 0
NO CEILING ≥ 2000	.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 1800	.3	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 1600	.3	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 1400	.3	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 1200	.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 1000	.3	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 900	.3	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 800	.3	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 700	.3	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 600	.3	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 500	.3	90.1	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 450	.3	90.8	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 400	.3	92.8	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 350	.3	93.2	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 300	.3	94.2	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 250	.3	96.0	97.2	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 200	.3	97.0	98.2	98.7	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 150	.3	97.0	98.2	98.7	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 100	.3	97.2	98.4	98.9	99.2	99.2	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 80	.3	97.4	98.7	99.1	99.4	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 60	.3	97.6	98.8	99.2	99.6	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 40	.3	97.6	99.0	99.4	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 20	.3	97.8	99.0	99.4	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 10	.3	97.8	99.0	99.4	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	.3	97.8	99.0	99.4	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1952
STATION

HOMESTEAD AFB FL
STATION NAME

69-70, 73-80
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1300-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 8	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING ≥ 2000	.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 1800	.1	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 1600	.1	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 1400	.1	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 1200	.1	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 1000	.1	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 900	.1	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 800	.1	89.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 700	.1	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 600	.1	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 500	.1	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 450	.1	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 400	.1	94.0	94.3	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 350	.1	95.6	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 300	.1	96.4	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 250	.1	97.0	97.4	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 200	.1	97.4	97.9	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 150	.1	98.1	98.6	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 100	.1	98.4	99.0	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 80	.1	98.7	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 60	.1	98.7	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 40	.1	98.7	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 30	.1	98.7	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 20	.1	98.7	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 10	.1	98.7	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	.1	98.7	99.4	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

CEILING VERSUS VISIBILITY

10926
STATION

HOMESTEAD AFB FL

69-70, 73-80

APC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

TEMPERATURE (°F)	VISIBILITY: STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	¾	¾	≥ ½	≥ 5/16	¼	≥ 0
NAT'L BUREAU ≥ 27000	81.5	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 18000	86.6	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 15000	86.7	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 14000	86.9	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 12000	87.4	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 10000	90.2	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 9000	90.6	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 8000	91.8	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 7000	92.1	92.5	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 6000	92.9	93.6	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 5000	93.8	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 4500	94.3	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 4000	94.8	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 3500	95.2	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 3000	95.8	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 2500	96.9	97.9	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 2000	97.7	98.7	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1800	97.9	98.9	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1500	98.3	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	98.3	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	98.3	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	98.3	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	98.3	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	98.3	99.3	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	98.3	99.3														

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17826
STATION

HOMESTEAD AFB FL
STATION NAME

69-70,73-80
YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥8	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	.1	74.1	75.0	75.3	75.5	75.6	75.6	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.9	75.9
≥ 18000	.2	80.8	81.8	82.1	82.3	82.3	82.4	82.4	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.7
≥ 16000	.3	90.9	81.9	82.2	82.4	82.4	82.5	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.8	82.8
≥ 14000	.2	31.0	81.9	82.2	82.4	82.5	82.6	82.6	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8
≥ 12000	.2	31.5	82.4	82.7	82.9	83.0	83.1	83.1	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3
≥ 10000	.2	82.3	83.3	83.6	83.8	83.8	83.9	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.2	84.2
≥ 9000	.2	84.8	85.8	86.1	86.3	86.3	86.4	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.7
≥ 8000	.2	85.0	86.3	86.3	86.5	86.5	86.6	86.7	86.7	86.8	86.8	86.8	86.8	86.9	86.9	86.9
≥ 7000	.2	86.7	87.8	88.0	88.3	88.3	88.4	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.7
≥ 6000	.2	87.7	88.8	89.1	89.3	89.3	89.4	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.7	89.7
≥ 5000	.2	88.6	89.7	90.0	90.3	90.3	90.4	90.5	90.5	90.5	90.6	90.6	90.6	90.7	90.7	90.7
≥ 4500	.2	90.0	91.1	91.5	91.7	91.8	91.8	91.9	91.9	92.0	92.0	92.1	92.1	92.1	92.1	92.1
≥ 4000	.2	90.6	91.8	92.2	92.4	92.5	92.5	92.6	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.9
≥ 3500	.2	91.9	93.2	93.5	93.8	93.8	93.9	94.0	94.0	94.1	94.1	94.2	94.2	94.2	94.2	94.2
≥ 3000	.2	92.7	93.9	94.3	94.5	94.6	94.7	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	95.0
≥ 2500	.2	93.6	94.9	95.3	95.5	95.6	95.7	95.8	95.8	95.8	95.9	95.9	95.9	96.0	96.0	96.0
≥ 2000	.2	94.9	96.3	96.7	97.0	97.1	97.2	97.3	97.3	97.3	97.4	97.4	97.5	97.5	97.5	97.6
≥ 1800	.2	96.0	97.5	98.0	98.3	98.4	98.5	98.7	98.7	98.8	98.8	98.8	98.9	98.9	98.9	99.0
≥ 1500	.2	96.2	97.6	98.1	98.5	98.6	98.7	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.1	99.1
≥ 1200	.2	96.5	98.1	98.5	98.8	98.9	99.1	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.5	99.5
≥ 1000	.2	96.6	98.1	98.6	99.0	99.1	99.2	99.3	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.7
≥ 900	.2	96.6	98.1	98.6	99.0	99.1	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.7	99.7
≥ 800	.2	96.6	98.2	98.7	99.0	99.1	99.3	99.4	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7
≥ 700	.2	96.6	98.2	98.7	99.0	99.1	99.3	99.4	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7
≥ 600	.2	96.7	98.2	98.7	99.1	99.2	99.3	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8
≥ 500	.2	96.7	98.2	98.7	99.1	99.2	99.3	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8
≥ 400	.2	96.7	98.2	98.8	99.1	99.2	99.4	99.5	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.9
≥ 300	.2	96.7	98.2	98.8	99.1	99.2	99.4	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.9	99.9
≥ 200	.2	96.7	98.2	98.8	99.1	99.2	99.4	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.9	99.9
≥ 100	.2	96.7	98.2	98.8	99.1	99.2	99.4	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.9	100.0
≥ 0	.2	96.7	98.2	98.8	99.1	99.2	99.4	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12226
STATION

HOMESTEAD AFB FL
STATION NAME

69-70, 73-80
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	¼	≥ 0
NO CEILING		73.4	74.1	74.1	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 20000		21.3	21.5	21.9	22.3	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
≥ 18000		21.3	21.5	21.9	22.3	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
≥ 6000		21.3	21.5	21.9	22.3	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
≥ 14000		21.3	21.5	21.9	22.3	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
≥ 12000		21.3	21.5	21.9	22.3	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
≥ 10000		21.3	21.5	21.9	22.3	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
≥ 9000		21.3	21.5	21.9	22.3	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
≥ 8000		21.3	21.5	21.9	22.3	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
≥ 7000		21.3	21.5	21.9	22.3	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
≥ 6000		21.3	21.5	21.9	22.3	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
≥ 5000		21.3	21.5	21.9	22.3	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
≥ 4500		21.3	21.5	21.9	22.3	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
≥ 4000		21.3	21.5	21.9	22.3	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
≥ 3500		21.3	21.5	21.9	22.3	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
≥ 3000		21.3	21.5	21.9	22.3	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
≥ 2500		21.3	21.5	21.9	22.3	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
≥ 2000		21.3	21.5	21.9	22.3	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
≥ 1800		21.3	21.5	21.9	22.3	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
≥ 1500		21.3	21.5	21.9	22.3	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
≥ 1200		21.3	21.5	21.9	22.3	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
≥ 1000		21.3	21.5	21.9	22.3	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
≥ 900		21.3	21.5	21.9	22.3	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
≥ 800		21.3	21.5	21.9	22.3	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
≥ 700		21.3	21.5	21.9	22.3	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
≥ 600		21.3	21.5	21.9	22.3	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
≥ 500		21.3	21.5	21.9	22.3	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
≥ 400		21.3	21.5	21.9	22.3	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
≥ 300		21.3	21.5	21.9	22.3	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
≥ 200		21.3	21.5	21.9	22.3	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
≥ 100		21.3	21.5	21.9	22.3	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
≥ 0		21.3	21.5	21.9	22.3	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17526
STATION

HOMESTEAD AFB FL
STATION NAME

69-70, 73-80
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000		74.6	75.5	75.7	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.3
≥ 18000		82.0	83.1	83.3	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.1
≥ 16000		82.0	83.1	83.3	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.1
≥ 14000		82.0	84.7	84.2	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9
≥ 12000		83.9	84.9	85.2	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9
≥ 10000		87.5	88.6	88.8	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.6	89.6	89.6	89.6
≥ 8000		87.5	88.6	88.8	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.6	89.6	89.6	89.6
≥ 6000		88.7	89.8	90.0	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.8	90.8	90.8	90.8
≥ 5000		89.4	90.4	90.6	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4
≥ 4000		89.9	91.0	91.4	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.2	92.2	92.2	92.2
≥ 3500		91.4	92.5	92.9	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.7	93.7	93.7	93.7
≥ 3000		91.8	92.9	93.3	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1
≥ 2500		93.3	94.4	94.8	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8
≥ 2000		93.4	94.5	94.9	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9
≥ 1800		94.0	95.1	95.5	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.5	96.5	96.5	96.5
≥ 1600		94.5	95.6	96.1	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2
≥ 1400		96.2	97.4	98.1	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 1200		96.6	97.7	98.4	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
≥ 1000		96.9	98.1	98.7	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
≥ 900		96.9	98.1	98.7	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 800		96.9	98.1	98.7	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 700		96.9	98.1	98.7	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 600		96.9	98.1	98.7	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 500		96.9	98.1	98.7	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 400		96.9	98.1	98.7	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 300		96.9	98.1	98.7	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 200		96.9	98.1	98.7	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 100		96.9	98.1	98.7	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 0		96.9	98.1	98.7	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 936

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

10226
STATION

HOMESTEAD AFB FL
STATION NAME

69-70, 73-80
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0600
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING		64.7	65.7	66.2	67.2	67.3	67.6	67.6	67.6	67.7	67.7	67.8	67.8	67.8	67.8	67.8
≥ 20000		74.3	76.5	77.2	78.5	78.6	78.9	78.9	78.9	79.0	79.0	79.1	79.1	79.1	79.1	79.1
≥ 18000		74.4	76.6	77.3	78.6	78.7	79.0	79.0	79.0	79.1	79.1	79.2	79.2	79.2	79.2	79.2
≥ 16000		74.6	76.8	77.5	78.8	78.9	79.2	79.2	79.2	79.4	79.4	79.5	79.5	79.5	79.5	79.5
≥ 14000		75.4	77.5	78.3	79.6	79.7	80.0	80.0	80.0	80.1	80.1	80.2	80.2	80.2	80.2	80.2
≥ 12000		77.7	80.0	80.9	82.2	82.3	82.6	82.6	82.6	82.7	82.7	82.8	82.8	82.8	82.8	82.8
≥ 10000		82.0	84.8	85.9	87.2	87.3	87.6	87.6	87.6	87.7	87.7	87.8	87.8	87.8	87.8	87.8
≥ 9000		82.4	85.2	86.2	87.5	87.6	88.0	88.0	88.0	88.1	88.1	88.2	88.2	88.2	88.2	88.2
≥ 8000		84.1	86.9	88.0	89.2	89.4	89.7	89.7	89.7	89.8	89.8	89.9	89.9	89.9	89.9	89.9
≥ 7000		85.5	88.3	89.4	90.6	90.8	91.1	91.1	91.1	91.2	91.2	91.3	91.3	91.3	91.3	91.3
≥ 6000		86.3	89.4	90.4	91.7	91.8	92.2	92.2	92.2	92.3	92.3	92.4	92.4	92.4	92.4	92.4
≥ 5000		87.8	91.0	92.2	93.4	93.5	93.9	93.9	93.9	94.0	94.0	94.1	94.1	94.1	94.1	94.1
≥ 4500		88.3	91.4	92.6	93.9	94.0	94.3	94.3	94.3	94.4	94.4	94.5	94.5	94.5	94.5	94.5
≥ 4000		89.7	92.8	94.1	95.4	95.5	95.8	95.8	95.8	95.9	95.9	96.0	96.0	96.0	96.0	96.0
≥ 3500		91.1	93.2	94.6	95.9	96.0	96.3	96.3	96.3	96.5	96.5	96.6	96.6	96.6	96.6	96.6
≥ 3000		91.8	93.9	95.3	96.7	96.8	97.1	97.1	97.1	97.2	97.3	97.4	97.4	97.4	97.4	97.4
≥ 2500		91.4	94.5	95.9	97.3	97.4	97.7	97.7	97.7	97.8	98.0	98.1	98.1	98.1	98.1	98.1
≥ 2000		91.8	95.1	96.6	98.0	98.1	98.4	98.4	98.4	98.5	98.6	98.7	98.7	98.7	98.7	98.7
≥ 1800		92.3	95.5	97.1	98.4	98.5	98.8	98.8	98.8	98.9	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1500		92.3	95.6	97.1	98.5	98.6	98.9	98.9	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.2
≥ 1200		92.3	95.6	97.1	98.5	98.6	98.9	98.9	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.2
≥ 1000		92.3	95.6	97.1	98.5	98.6	98.9	98.9	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.2
≥ 900		92.3	95.6	97.1	98.5	98.6	98.9	98.9	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.2
≥ 800		92.3	95.6	97.1	98.5	98.6	98.9	98.9	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.2
≥ 700		92.3	95.6	97.1	98.5	98.6	98.9	98.9	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.2
≥ 600		92.3	95.6	97.1	98.5	98.6	98.9	98.9	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.2
≥ 500		92.3	95.6	97.1	98.5	98.6	98.9	98.9	98.9	99.0	99.2	99.4	99.4	99.4	99.4	99.4
≥ 400		92.3	95.6	97.1	98.5	98.6	99.0	99.0	99.0	99.1	99.4	99.5	99.5	99.5	99.5	99.5
≥ 300		92.3	95.6	97.1	98.5	98.6	99.0	99.0	99.0	99.1	99.4	99.5	99.5	99.5	99.5	99.5
≥ 200		92.3	95.6	97.1	98.5	98.6	99.0	99.1	99.1	99.2	99.5	99.6	99.6	99.6	99.7	99.7
≥ 100		92.3	95.6	97.1	98.5	98.6	99.0	99.1	99.1	99.2	99.5	99.6	99.6	99.6	99.7	99.8
≥ 0		92.3	95.6	97.1	98.5	98.6	99.0	99.1	99.1	99.2	99.5	99.6	99.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

CEILING VERSUS VISIBILITY

MAY

0900-1100
HOURS (L.S.T.)

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17626
STATION

HOMESTEAD AFB FL
STATION NAME

69-70, 73-87
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1700-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	56.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 20000	74.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 18000	74.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 16000	74.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 14000	74.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 12000	77.1	78.1	78.1	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 10000	82.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.8
≥ 9000	83.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.4
≥ 8000	86.8	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.3
≥ 7000	87.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.2
≥ 6000	88.5	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.0
≥ 5000	88.9	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.4
≥ 4500	89.1	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.6
≥ 4000	90.3	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.9
≥ 3500	91.8	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.5
≥ 3000	92.0	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.9
≥ 2500	94.3	96.0	96.3	96.3	96.5	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.8
≥ 2000	95.7	97.5	98.2	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.7
≥ 1800	96.0	97.8	98.5	98.5	98.7	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.1
≥ 1500	96.3	98.2	98.8	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.5
≥ 1200	96.3	98.4	99.1	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.9
≥ 1000	96.3	98.4	99.1	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 900	96.3	98.4	99.1	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 800	96.3	98.4	99.1	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 700	96.3	98.4	99.1	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 600	96.3	98.4	99.1	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 500	96.3	98.4	99.1	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 400	96.3	98.4	99.1	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 300	96.3	98.4	99.1	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 200	96.3	98.4	99.1	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 100	96.3	98.4	99.1	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0
≥ 0	96.3	98.4	99.1	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17-25
STATION

HOMESTEAD AFB FL
STATION NAME

69-70, 73-80
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
≥ 20000	.2	69.8	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
≥ 18000	.2	70.6	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 16000	.2	71.1	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 14000	.2	72.8	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 12000	.2	75.2	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 10000	.2	82.2	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 9000	.2	82.9	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 8000	.2	86.5	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 7000	.2	87.8	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 6000	.2	88.3	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 5000	.2	89.7	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 4500	.2	89.6	90.2	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 4000	.2	90.4	91.1	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 3500	.2	91.1	91.7	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 3000	.2	92.3	92.9	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 2500	.2	94.2	94.8	94.9	95.2	95.3	95.3	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5
≥ 2000	.2	95.9	96.9	97.1	97.4	97.5	97.5	97.6	97.6	97.7	97.8	98.0	98.0	98.0	98.0	98.0
≥ 1800	.2	96.5	97.4	97.6	98.0	98.1	98.1	98.2	98.2	98.3	98.4	98.5	98.5	98.5	98.5	98.5
≥ 1500	.2	96.9	97.8	98.1	98.4	98.5	98.5	98.6	98.6	98.7	98.9	99.0	99.0	99.0	99.0	99.0
≥ 1200	.2	97.2	98.3	98.6	98.9	99.0	99.0	99.1	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6
≥ 1000	.2	97.2	98.3	98.6	99.0	99.1	99.1	99.2	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7
≥ 900	.2	97.2	98.3	98.6	99.0	99.1	99.1	99.2	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7
≥ 800	.2	97.2	98.3	98.6	99.0	99.1	99.1	99.2	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7
≥ 700	.2	97.2	98.3	98.6	99.0	99.1	99.1	99.2	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7
≥ 600	.2	97.2	98.3	98.6	99.0	99.1	99.1	99.2	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7
≥ 500	.2	97.2	98.3	98.6	99.0	99.1	99.1	99.2	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7
≥ 400	.2	97.2	98.3	98.6	99.0	99.1	99.1	99.2	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7
≥ 300	.2	97.2	98.3	98.6	99.0	99.1	99.1	99.2	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7
≥ 200	.2	97.2	98.3	98.6	99.0	99.1	99.1	99.2	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7
≥ 100	.2	97.2	98.3	98.6	99.0	99.1	99.1	99.2	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7
≥ 0	.2	97.2	98.3	98.6	99.0	99.1	99.1	99.2	99.2	99.4	99.6	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 43

AD-A102 404 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
HOMESTEAD AFB, FLORIDA. REVISED UNIFORM SUMMARY OF SURFACE WEAT--ETC(U)
JUN 81
UNCLASSIFIED USAFETAC/DS-81/065 SBIE-AD-E850 091 NI

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 026
STATION

HOMESTEAD AFB FL
STATION NAME

69-70, 73-80
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING ≥ 20000		57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
≥ 18000		72.2	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 16000		73.3	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 14000		74.4	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 12000		77.1	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
≥ 10000		84.1	84.5	84.5	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 9000		85.2	85.6	85.6	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 8000		88.4	88.8	88.8	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 7000		90.0	90.4	90.4	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 6000		90.3	90.8	90.8	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 5000		91.2	91.6	91.6	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 4500		91.5	91.9	91.9	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 4000		92.7	93.2	93.2	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 3500		93.0	93.7	93.7	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 3000		93.7	94.5	94.5	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 2500		94.7	95.6	95.7	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 2000		96.0	97.3	97.4	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1800		96.1	97.6	97.7	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1500		96.2	97.7	97.8	98.2	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5
≥ 1200		96.2	97.7	98.0	98.4	98.4	98.6	98.8	98.8	98.8	98.8	98.8	98.8	99.0	99.0	99.0
≥ 1000		96.6	98.1	98.4	98.8	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.5
≥ 900		96.6	98.1	98.4	98.8	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.5	99.5	99.5
≥ 800		96.6	98.1	98.4	98.8	98.8	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6
≥ 700		96.6	98.1	98.4	98.8	98.8	99.1	99.6	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9
≥ 600		96.6	98.1	98.4	98.8	98.8	99.1	99.6	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9
≥ 500		96.6	98.1	98.4	98.8	98.8	99.1	99.6	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9
≥ 400		96.6	98.1	98.4	98.8	98.8	99.1	99.6	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9
≥ 300		96.6	98.1	98.4	98.8	98.8	99.1	99.6	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9
≥ 200		96.6	98.1	98.4	98.8	98.8	99.1	99.6	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9
≥ 100		96.6	98.1	98.4	98.8	98.8	99.1	99.6	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9
≥ 0		96.6	98.1	98.4	98.8	98.8	99.1	99.6	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 226
STATION

HOMESTEAD AFB FL
STATION NAME

69-70,73-80
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING ≥ 20000		70.6	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 18000		80.9	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 16000		81.3	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 14000		81.3	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 12000		83.7	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 10000		88.3	88.9	89.0	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 9000		89.5	90.0	90.2	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 8000		91.0	91.5	91.7	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 7000		92.2	92.8	93.0	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 6000		92.4	93.7	93.2	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 5000		93.1	93.8	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 4500		93.1	93.8	94.0	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 4000		93.7	94.4	94.6	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 3500		93.8	94.5	94.8	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 3000		94.5	95.5	95.8	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 2500		94.7	95.7	96.0	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 2000		95.7	96.9	97.2	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1800		96.2	97.6	98.0	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1500		96.7	98.1	98.4	98.8	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1200		96.9	98.3	98.7	99.1	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000		97.0	98.5	98.9	99.4	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900		97.1	98.6	99.0	99.5	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800		97.1	98.6	99.0	99.5	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700		97.1	98.6	99.0	99.5	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600		97.1	98.6	99.0	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		97.1	98.6	99.0	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		97.1	98.6	99.0	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		97.1	98.6	99.0	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		97.1	98.6	99.0	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		97.1	98.6	99.0	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		97.1	98.6	99.0	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 920

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

10825
STATION

HOMESTEAD AFB FL
STATION NAME

69-70,73-80
YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	.1	63.5	64.2	64.4	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
≥ 20000	.1	76.1	77.0	77.2	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.7	77.7	77.7	77.7
≥ 18000	.1	76.4	77.3	77.5	77.8	77.8	77.9	77.9	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0
≥ 16000	.1	76.6	77.5	77.8	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 14000	.1	77.4	78.3	78.6	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 12000	.1	79.5	80.4	80.7	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 10000	.1	84.5	85.6	86.0	86.3	86.3	86.4	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 9500	.1	85.2	86.3	86.6	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.2
≥ 9000	.1	87.6	88.7	89.1	89.4	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 8500	.1	88.8	89.9	90.3	90.6	90.6	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 8000	.1	89.4	90.5	90.9	91.3	91.3	91.4	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 7500	.1	90.4	91.6	92.0	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 7000	.1	90.7	91.9	92.3	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 6500	.1	91.7	92.9	93.4	93.8	93.8	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 6000	.1	92.0	93.3	93.7	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.4
≥ 5500	.1	92.8	94.2	94.7	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.4
≥ 5000	.1	93.8	95.2	95.7	96.2	96.3	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.6
≥ 4500	.1	95.1	96.7	97.3	97.8	97.9	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.3
≥ 4000	.1	95.6	97.2	97.8	98.4	98.5	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.9
≥ 3500	.1	96.0	97.6	98.2	98.8	98.9	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3
≥ 3000	.1	96.0	97.7	98.4	99.0	99.1	99.3	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6
≥ 2500	.1	96.1	97.8	98.5	99.1	99.2	99.4	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 2000	.1	96.1	97.8	98.5	99.1	99.2	99.4	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 1800	.1	96.1	97.8	98.5	99.1	99.2	99.4	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 1600	.1	96.1	97.8	98.5	99.1	99.2	99.4	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 1400	.1	96.1	97.8	98.5	99.1	99.2	99.4	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 1200	.1	96.1	97.8	98.5	99.1	99.2	99.4	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 1000	.1	96.1	97.8	98.5	99.1	99.2	99.4	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 900	.1	96.1	97.8	98.5	99.1	99.2	99.4	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 800	.1	96.1	97.8	98.5	99.1	99.2	99.4	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 700	.1	96.1	97.8	98.5	99.1	99.2	99.4	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 600	.1	96.1	97.8	98.5	99.1	99.2	99.4	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 500	.1	96.1	97.8	98.5	99.1	99.2	99.4	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 400	.1	96.1	97.8	98.5	99.1	99.2	99.4	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 300	.1	96.1	97.8	98.5	99.1	99.2	99.4	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 200	.1	96.1	97.8	98.5	99.1	99.2	99.4	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 100	.1	96.1	97.8	98.5	99.1	99.2	99.4	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7
≥ 0	.1	96.1	97.8	98.5	99.1	99.2	99.4	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17526
STATION

HOMESTEAD AFB FL
STATION NAME

69-70,73-80
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-2400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	½	¼	≥5/16	¼	≥0
NO CEILING	2.0	79.9	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 20000	2.0	85.6	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
IV 18000	2.0	85.9	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
IV 16000	2.0	86.0	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
IV 14000	2.0	87.0	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 12000	2.0	87.9	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 10000	2.0	91.4	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IV 9500	2.0	91.7	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 8000	2.0	93.2	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IV 7000	2.0	94.7	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 6000	2.0	95.1	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
IV 5000	2.0	96.2	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 4500	2.0	96.6	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
IV 4000	2.0	96.7	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 3500	2.0	96.7	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 3000	2.0	97.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 2500	2.0	97.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 2000	2.0	97.8	98.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
IV 1800	2.0	98.3	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 1500	2.0	98.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1200	2.0	98.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 1000	2.0	98.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 900	2.0	98.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 800	2.0	98.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 700	2.0	98.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 600	2.0	98.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	2.0	98.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	2.0	98.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	2.0	98.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	2.0	98.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	2.0	98.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	2.0	98.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AF Weather Service/MAC

CEILING VERSUS VISIBILITY

10-26
STATION

HOMESTEAD AFB FL
STATION NAME

69-70, 73-80
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	2.0	77.0	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 2000	2.0	95.8	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 1800	2.0	85.8	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 1600	2.0	85.8	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 1400	2.0	86.8	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 1200	2.0	87.9	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1000	2.0	92.3	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 900	2.0	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 800	2.0	94.9	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 700	2.0	96.4	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 600	2.0	96.9	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 500	2.0	97.2	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 4500	2.0	97.3	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 4000	2.0	97.4	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 3500	2.0	97.4	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 3000	2.0	97.7	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2500	2.0	98.0	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 2000	2.0	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	2.0	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	2.0	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	2.0	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	2.0	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	2.0	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	2.0	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	2.0	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	2.0	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	2.0	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	2.0	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	2.0	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	2.0	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	2.0	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	2.0	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17-25
STATION

HOMESTEAD AFB FL
STATION NAME

69-70,73-80
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

600-0870
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 2000	1.3	71.8	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 1800 ≥ 600	1.3	81.6	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 1400 ≥ 200	1.3	83.1	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 1000 ≥ 950	1.3	85.8	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 800 ≥ 700	1.3	93.3	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 600 ≥ 500	1.3	94.6	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 450 ≥ 400	1.3	95.3	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 350 ≥ 300	1.3	95.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 250 ≥ 200	1.3	95.8	98.0	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 180 ≥ 150	1.3	96.4	98.7	98.8	98.8	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 120 ≥ 100	1.3	96.6	99.1	99.2	99.3	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 90 ≥ 80	1.3	96.7	99.1	99.3	99.4	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 70 ≥ 60	1.3	96.7	99.1	99.3	99.4	99.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 50 ≥ 40	1.3	96.7	99.1	99.4	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 30 ≥ 20	1.3	96.7	99.1	99.4	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 10 ≥ 0	1.3	96.7	99.1	99.4	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1326
STATION

HOMESTEAD AFB FL
STATION NAME

69-70,73-87
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	1.1	60.8	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 20000	1.1	76.3	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 18000	1.1	76.9	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 16000	1.1	76.9	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 14000	1.1	77.7	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 12000	1.1	81.7	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 10000	1.1	87.7	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 9500	1.1	98.0	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 8000	1.1	89.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 7000	1.1	91.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 6000	1.1	91.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 5000	1.1	92.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 4500	1.1	92.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 4000	1.1	93.3	94.7	94.8	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 3500	1.1	93.3	94.7	94.8	94.9	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 3000	1.1	93.6	95.0	95.2	95.3	95.3	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2500	1.1	93.9	95.3	95.7	95.8	95.8	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 2000	1.1	95.7	97.8	98.1	98.2	98.2	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1800	1.1	95.9	98.0	98.3	98.7	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1500	1.1	96.0	98.2	98.6	99.0	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	1.1	96.2	98.4	98.8	99.2	99.3	99.4	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
≥ 1000	1.1	96.3	98.6	98.9	99.3	99.4	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 900	1.1	96.3	98.6	98.9	99.3	99.4	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 800	1.1	96.3	98.6	98.9	99.3	99.4	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 700	1.1	96.3	98.6	98.9	99.3	99.4	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 600	1.1	96.3	98.6	98.9	99.3	99.4	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 500	1.1	96.3	98.6	98.9	99.3	99.4	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 400	1.1	96.3	98.6	98.9	99.3	99.4	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 300	1.1	96.3	98.6	98.9	99.3	99.4	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 200	1.1	96.3	98.6	98.9	99.3	99.4	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 100	1.1	96.3	98.6	98.9	99.3	99.4	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 0	1.1	96.3	98.6	98.9	99.3	99.4	99.6	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 990

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

10-26
STATION

HOMESTEAD AFB FL
STATION NAME

69-70,73-80
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	1.0	47.8	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 20000	1.0	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
IN 18000	1.0	69.0	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
IN 16000	1.0	69.3	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
IN 14000	1.0	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
IN 12000	1.0	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 10000	1.0	82.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
IN 9000	1.0	83.2	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 8000	1.0	85.2	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IN 7000	1.0	86.9	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 6000	1.0	87.7	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IN 5000	1.0	88.7	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 4500	1.0	88.7	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IN 4000	1.0	90.1	91.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
IN 3500	1.0	90.6	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
IN 3000	1.0	91.0	92.1	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 2500	1.0	92.1	93.3	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
IN 2000	1.0	94.8	96.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IN 1800	1.0	94.9	96.2	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IN 1500	1.0	95.4	96.9	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IN 1200	1.0	95.4	96.9	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IN 1000	1.0	95.4	96.9	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 900	1.0	95.4	96.9	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IN 800	1.0	95.4	96.9	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IN 700	1.0	95.4	96.9	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IN 600	1.0	95.4	96.9	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IN 500	1.0	95.4	96.9	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IN 400	1.0	95.4	96.9	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IN 300	1.0	95.4	96.9	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IN 200	1.0	95.4	96.9	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IN 100	1.0	95.4	96.9	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IN 0	1.0	95.4	96.9	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17526
STATION

HOMESTEAD AFB FL
STATION NAME

69-70, 73-80
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	1.6	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 20000	1.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 18000	1.6	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 16000	1.6	69.9	72.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 14000	1.6	72.3	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 12000	1.6	75.8	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 10000	1.6	84.0	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 9000	1.6	84.3	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 8000	1.6	85.9	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 7000	1.6	88.1	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 6000	1.6	88.4	88.8	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 5000	1.6	89.7	90.0	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 4500	1.6	90.0	90.3	90.8	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 4000	1.6	91.3	91.8	92.3	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 3500	1.6	92.2	92.7	93.2	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.0
≥ 3000	1.6	93.2	93.8	94.3	94.9	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.3
≥ 2500	1.6	94.1	94.8	95.3	96.0	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.4
≥ 2000	1.6	95.9	96.6	97.2	98.0	98.1	98.7	98.7	98.7	98.7	98.8	98.8	98.9	98.9	98.9	99.0
≥ 1800	1.6	96.2	97.0	97.7	98.4	98.6	99.1	99.1	99.1	99.1	99.2	99.2	99.3	99.3	99.3	99.4
≥ 1500	1.6	96.2	97.1	97.8	98.6	98.7	99.3	99.3	99.3	99.3	99.4	99.4	99.6	99.6	99.6	99.7
≥ 1200	1.6	96.2	97.1	97.8	98.6	98.7	99.3	99.3	99.3	99.4	99.6	99.6	99.7	99.7	99.7	99.8
≥ 1000	1.6	96.3	97.2	97.9	98.7	98.8	99.4	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	100.0
≥ 900	1.6	96.3	97.2	97.9	98.7	98.8	99.4	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	100.0
≥ 800	1.6	96.3	97.2	97.9	98.7	98.8	99.4	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	100.0
≥ 700	1.6	96.3	97.2	97.9	98.7	98.8	99.4	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	100.0
≥ 600	1.6	96.3	97.2	97.9	98.7	98.8	99.4	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	100.0
≥ 500	1.6	96.3	97.2	97.9	98.7	98.8	99.4	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	100.0
≥ 400	1.6	96.3	97.2	97.9	98.7	98.8	99.4	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	100.0
≥ 300	1.6	96.3	97.2	97.9	98.7	98.8	99.4	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	100.0
≥ 200	1.6	96.3	97.2	97.9	98.7	98.8	99.4	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	100.0
≥ 100	1.6	96.3	97.2	97.9	98.7	98.8	99.4	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	100.0
≥ 0	1.6	96.3	97.2	97.9	98.7	98.8	99.4	99.4	99.4	99.6	99.7	99.7	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17526
STATION

HOMESTEAD AFB FL
STATION NAME

69-70, 73-80
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	1.9	44.7	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
≥ 20000	2.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 18000	2.3	73.6	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 16000	2.3	73.6	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 14000	2.3	74.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 12000	2.3	79.9	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 10000	2.3	87.3	88.1	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 9000	2.3	88.1	88.9	89.0	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 8000	2.3	89.4	90.2	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 7000	2.3	91.7	92.4	92.6	92.6	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 6000	2.3	92.6	93.4	93.7	93.7	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 5000	2.3	93.9	94.8	95.1	95.0	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 4500	2.3	94.8	95.7	95.9	95.9	96.1	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 4000	2.3	95.6	96.6	96.9	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 3500	2.3	95.6	96.6	96.9	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 3000	2.3	95.6	96.6	96.9	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 2500	2.3	96.3	97.4	97.8	97.8	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 2000	2.3	96.9	98.1	98.4	98.4	98.6	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1
≥ 1800	2.3	96.9	98.1	98.4	98.4	98.6	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1
≥ 1500	2.3	97.1	98.4	98.8	98.8	99.0	99.1	99.4	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9
≥ 1200	2.3	97.1	98.4	98.8	98.8	99.0	99.1	99.4	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9
≥ 1000	2.3	97.1	98.4	98.8	98.8	99.0	99.1	99.4	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9
≥ 900	2.3	97.1	98.4	98.8	98.8	99.0	99.1	99.4	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9
≥ 800	2.3	97.1	98.4	98.8	98.8	99.0	99.1	99.4	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9
≥ 700	2.3	97.1	98.4	98.8	98.8	99.0	99.1	99.4	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9
≥ 600	2.3	97.1	98.4	98.8	98.8	99.0	99.1	99.4	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9
≥ 500	2.3	97.1	98.4	98.8	98.8	99.0	99.1	99.4	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9
≥ 400	2.3	97.1	98.4	98.8	98.8	99.0	99.1	99.4	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9
≥ 300	2.3	97.1	98.4	98.8	98.8	99.0	99.1	99.4	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0
≥ 200	2.3	97.1	98.4	98.8	98.8	99.0	99.1	99.4	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0
≥ 100	2.3	97.1	98.4	98.8	98.8	99.0	99.1	99.4	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0
≥ 0	2.3	97.1	98.4	98.8	98.8	99.0	99.1	99.4	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1726
STATION

HOMESTEAD AFB FL
STATION NAME

69-70, 73-80
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	1.8	71.6	71.1	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 20000	1.8	82.6	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 18000	1.8	83.0	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 16000	1.8	83.3	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 14000	1.8	83.3	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 12000	1.8	85.7	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 10000	1.8	90.6	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 9000	1.8	90.7	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 8000	1.8	91.4	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 7000	1.8	93.6	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 6000	1.8	94.0	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 5000	1.8	95.3	95.7	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 4500	1.8	95.8	96.4	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 4000	1.8	96.4	97.1	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 3500	1.8	96.7	97.3	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 3000	1.8	97.3	98.0	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2500	1.8	97.6	98.2	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 2000	1.8	97.8	98.7	99.0	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6
≥ 1800	1.8	97.8	98.7	99.0	99.1	99.2	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1500	1.8	97.8	98.7	99.0	99.1	99.2	99.3	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7
≥ 1200	1.8	97.9	98.8	99.1	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 1000	1.8	97.9	98.8	99.1	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 900	1.8	97.9	98.8	99.1	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 800	1.8	97.9	98.8	99.1	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 700	1.8	97.9	98.8	99.1	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8
≥ 600	1.8	98.1	99.0	99.3	99.6	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 500	1.8	98.1	99.0	99.3	99.6	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 400	1.8	98.1	99.0	99.3	99.6	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 300	1.8	98.1	99.0	99.3	99.6	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 200	1.8	98.1	99.0	99.3	99.6	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100	1.8	98.1	99.0	99.3	99.6	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	1.8	98.1	99.0	99.3	99.6	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFM WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1973
STATION

HOMESTEAD AFB FL
STATION NAME

69-70, 73-8
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO RECORD	1.7	61.7	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 2000	1.7	77.7	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 1800	1.7	78.2	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 1600	1.7	78.3	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 1400	1.7	79.5	80.3	80.2	80.3	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 1200	1.7	82.4	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 1000	1.7	88.3	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 900	1.7	88.8	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 800	1.7	90.4	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 700	1.7	92.1	93.0	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 600	1.7	92.7	93.7	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 500	1.7	93.6	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 450	1.7	93.9	94.9	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 400	1.7	94.6	95.6	95.8	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 350	1.7	94.8	95.8	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3
≥ 300	1.7	95.2	96.3	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 250	1.7	95.6	96.3	97.1	97.2	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 200	1.7	96.7	97.1	97.4	97.6	97.6	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 180	1.7	96.9	98.2	98.6	98.8	98.9	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 150	1.7	97.1	98.5	98.8	99.2	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	1.7	97.1	98.5	98.9	99.2	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 90	1.7	97.2	98.5	98.9	99.2	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 80	1.7	97.2	98.5	98.9	99.2	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 70	1.7	97.2	98.5	98.9	99.2	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 60	1.7	97.2	98.5	99.0	99.3	99.3	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 50	1.7	97.2	98.6	99.0	99.3	99.3	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 40	1.7	97.2	98.6	99.0	99.3	99.3	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 30	1.7	97.2	98.6	99.0	99.3	99.3	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 20	1.7	97.2	98.6	99.0	99.3	99.3	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 10	1.7	97.2	98.6	99.0	99.3	99.3	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	1.7	97.2	98.6	99.0	99.3	99.3	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 7200

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1726
STATION

HOMESTEAD AFB FL
STATION NAME

69-70,73-80
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	3.3	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 20000	3.3	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 18000	3.5	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 16000	3.5	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 14000	3.5	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 12000	3.5	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 10000	3.5	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 9000	3.5	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 8000	3.5	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 7000	3.5	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 6000	3.5	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 5000	3.5	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 4500	3.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 4000	3.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 3500	3.5	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 3000	3.5	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 2500	3.5	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 2000	3.5	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1800	3.5	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1500	3.5	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	3.5	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	3.5	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	3.5	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	3.5	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	3.5	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	3.5	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	3.5	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	3.5	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	3.5	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	3.5	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	3.5	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	3.5	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

10826
STATION

HOMESTEAD AFB FL
STATION NAME

69-70,73-80
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥⅒	≥0
NO CEILING ≥ 20000	3.3	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 18000	3.3	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 16000	3.3	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 14000	3.3	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 12000	3.3	91.8	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 10000	3.3	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 9000	3.3	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 8000	3.3	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 7000	3.3	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 6000	3.3	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 5000	3.3	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 4500	3.3	97.2	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 4000	3.3	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 3500	3.3	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 3000	3.3	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 2500	3.3	98.0	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2000	3.3	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1800	3.3	99.1	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1500	3.3	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	3.3	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	3.3	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	3.3	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	3.3	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	3.3	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	3.3	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	3.3	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	3.3	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	3.3	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	3.3	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	3.3	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	3.3	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1-426
STATION

HOMESTEAD AFB FL
STATION NAME

69-70, 73-80
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1600-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	3.3	70.1	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 20000	3.3	93.7	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 18000	3.3	83.8	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 16000	3.3	84.2	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 14000	3.3	84.8	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 12000	3.3	87.6	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 10000	3.3	93.4	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 9000	3.3	93.8	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 8000	3.3	96.3	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 7000	3.3	96.5	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 6000	3.3	96.6	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 5000	3.3	97.1	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 4500	3.3	97.1	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 4000	3.3	97.1	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 3500	3.3	97.1	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 3000	3.3	97.1	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2500	3.3	97.5	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 2000	3.3	98.3	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1800	3.3	98.3	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1500	3.3	98.3	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	3.3	98.3	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	3.3	98.3	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	3.3	98.3	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	3.3	98.3	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	3.3	98.3	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	3.3	98.3	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	3.3	98.3	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	3.3	98.3	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	3.3	98.3	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	3.3	98.3	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	3.3	98.3	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	3.3	98.3	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17626
STATION

HOMESTEAD AFB FL
STATION NAME

69-70,73-87
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	2.7	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
≥ 20000	3.1	80.6	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 18000	3.1	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 16000	3.0	82.9	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 14000	3.0	86.8	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 12000	3.0	92.2	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 10000	3.0	92.5	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 8000	3.0	94.4	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 7000	3.0	94.6	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 6000	3.0	94.9	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 5000	3.0	95.3	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 4500	3.0	95.3	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 4000	3.0	95.3	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 3500	3.0	95.3	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 3000	3.0	95.4	96.2	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 2500	3.0	96.2	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2000	3.0	97.4	98.7	99.0	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1800	3.0	97.5	98.8	99.1	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1500	3.0	97.6	98.9	99.2	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	3.0	97.6	98.9	99.2	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	3.0	97.6	98.9	99.2	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	3.0	97.6	98.9	99.2	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	3.0	97.6	98.9	99.2	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	3.0	97.6	98.9	99.2	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	3.0	97.6	98.9	99.2	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	3.0	97.6	98.9	99.2	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	3.0	97.6	98.9	99.2	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	3.0	97.6	98.9	99.2	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	3.0	97.6	98.9	99.2	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	3.0	97.6	98.9	99.2	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	3.0	97.6	98.9	99.2	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
LAFETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17026
STATION

HOMESTEAD AFB FL
STATION NAME

69-70, 73-87
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	1.5	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 20000	2.2	77.2	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 18000	2.2	78.1	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 16000	2.2	78.5	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 14000	2.2	80.2	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 12000	2.2	84.3	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 10000	2.2	90.5	91.4	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 9000	2.2	91.2	92.0	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 8000	2.2	93.7	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 7000	2.2	94.0	94.9	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 6000	2.2	94.1	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 5000	2.2	94.2	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 4500	2.2	94.2	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 4000	2.2	94.2	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 3500	2.2	94.2	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 3000	2.2	94.6	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 2500	2.2	95.8	97.1	97.2	97.3	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 2000	2.2	97.1	98.5	98.8	98.9	98.9	99.0	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6
≥ 1800	2.2	97.1	98.5	98.8	98.9	98.9	99.0	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6
≥ 1600	2.2	97.2	98.6	98.9	99.0	99.0	99.1	99.5	99.5	99.7	99.7	99.7	99.7	99.9	99.9	100.0
≥ 1400	2.2	97.2	98.6	98.9	99.0	99.0	99.1	99.5	99.5	99.7	99.7	99.7	99.7	99.9	99.9	100.0
≥ 1200	2.2	97.2	98.6	98.9	99.0	99.0	99.1	99.5	99.5	99.7	99.7	99.7	99.7	99.9	99.9	100.0
≥ 1000	2.2	97.2	98.6	98.9	99.0	99.0	99.1	99.5	99.5	99.7	99.7	99.7	99.7	99.9	99.9	100.0
≥ 900	2.2	97.2	98.6	98.9	99.0	99.0	99.1	99.5	99.5	99.7	99.7	99.7	99.7	99.9	99.9	100.0
≥ 800	2.2	97.2	98.6	98.9	99.0	99.0	99.1	99.5	99.5	99.7	99.7	99.7	99.7	99.9	99.9	100.0
≥ 700	2.2	97.2	98.6	98.9	99.0	99.0	99.1	99.5	99.5	99.7	99.7	99.7	99.7	99.9	99.9	100.0
≥ 600	2.2	97.2	98.6	98.9	99.0	99.0	99.1	99.5	99.5	99.7	99.7	99.7	99.7	99.9	99.9	100.0
≥ 500	2.2	97.2	98.6	98.9	99.0	99.0	99.1	99.5	99.5	99.7	99.7	99.7	99.7	99.9	99.9	100.0
≥ 400	2.2	97.2	98.6	98.9	99.0	99.0	99.1	99.5	99.5	99.7	99.7	99.7	99.7	99.9	99.9	100.0
≥ 300	2.2	97.2	98.6	98.9	99.0	99.0	99.1	99.5	99.5	99.7	99.7	99.7	99.7	99.9	99.9	100.0
≥ 200	2.2	97.2	98.6	98.9	99.0	99.0	99.1	99.5	99.5	99.7	99.7	99.7	99.7	99.9	99.9	100.0
≥ 100	2.2	97.2	98.6	98.9	99.0	99.0	99.1	99.5	99.5	99.7	99.7	99.7	99.7	99.9	99.9	100.0
≥ 0	2.2	97.2	98.6	98.9	99.0	99.0	99.1	99.5	99.5	99.7	99.7	99.7	99.7	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13226
STATION

HOMESTEAD AFB FL
STATION NAME

69-70, 73-80
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥8	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	1.5	48.0	49.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
≥ 20000	2.3	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 18000	2.3	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 16000	2.3	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 14000	2.3	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 12000	3.0	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 10000	3.0	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 9000	3.0	93.3	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 8000	3.0	94.6	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 7000	3.0	95.1	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 6000	3.0	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 5000	3.0	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 4500	3.0	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 4000	3.0	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 3500	3.0	95.6	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 3000	3.0	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 2500	3.0	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2000	3.0	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1800	3.0	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1500	3.0	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200	3.0	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000	3.0	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 900	3.0	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 800	3.0	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	3.0	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 600	3.0	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 500	3.0	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 400	3.0	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 300	3.0	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 200	3.0	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 100	3.0	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 0	3.0	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
U. S. AFETAC
AFR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

10426
STATION

HOMESTEAD AFB FL
STATION NAME

69-70, 73-80
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

19.0-20.0
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	2.3	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥ 18000	2.3	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 16000	2.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 14000	2.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 12000	2.9	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 10000	3.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 9000	3.0	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 8000	3.0	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 7000	3.0	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 6000	3.0	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 5000	3.0	97.4	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 4500	3.0	97.6	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 4000	3.0	97.8	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 3500	3.0	97.8	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 3000	3.0	98.2	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 2500	3.0	98.7	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 2000	3.0	98.8	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1800	3.0	98.9	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1500	3.0	98.9	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	3.0	98.9	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	3.0	98.9	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	3.0	98.9	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	3.0	98.9	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	3.0	98.9	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	3.0	98.9	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	3.0	98.9	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	3.0	98.9	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	3.0	98.9	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	3.0	98.9	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	3.0	98.9	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	3.0	98.9	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
ATR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1526
STATION

HOMESTEAD AFB FL
STATION NAME

69-70,73-80
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING ≥ 20000	2.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 18000	2.6	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 16000	2.6	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 14000	2.6	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 12000	2.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 10000	2.6	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 9000	2.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 8000	2.6	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 7000	2.6	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 6000	2.6	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 5000	2.6	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 4500	2.6	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 4000	2.6	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 3500	2.6	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 3000	2.6	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 2500	2.7	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 2000	2.7	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1800	2.7	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1500	2.7	98.8	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1200	2.7	98.8	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000	2.7	98.8	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	2.7	98.8	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	2.7	98.8	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700	2.7	98.8	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600	2.7	98.8	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	2.7	98.8	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	2.7	98.8	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 300	2.7	98.8	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 200	2.7	98.8	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 100	2.7	98.8	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 0	2.7	98.8	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

10426
STATION

HOMESTEAD AFB FL
STATION NAME

69-70, 73-80
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 8	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	2.5	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 20000	3.0	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 18000	3.0	83.8	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 16000	3.0	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 14000	3.0	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 12000	3.0	88.4	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 10000	3.0	93.9	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 9000	3.0	94.3	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 8000	3.0	95.7	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 7000	3.0	96.0	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 6000	3.0	96.1	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 5000	3.0	96.4	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 4500	3.0	96.5	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 4000	3.0	96.6	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 3500	3.0	96.7	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 3000	3.0	96.9	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 2500	3.0	97.5	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2000	3.0	98.4	99.2	99.3	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1800	3.0	98.4	99.2	99.3	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	3.0	98.5	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1200	3.0	98.5	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	3.0	98.5	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	3.0	98.5	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	3.0	98.5	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	3.0	98.5	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	3.0	98.5	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	3.0	98.5	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	3.0	98.5	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	3.0	98.5	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	3.0	98.5	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	3.0	98.5	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	3.0	98.5	99.3	99.5	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17426
STATION

HOMESTEAD AFB FL
STATION NAME

69-73,73-87
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	1.2	91.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 20000	1.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 18000	1.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 16000	1.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 14000	1.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 12000	1.2	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 10000	1.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 9000	1.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 8000	1.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 7000	1.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 6000	1.2	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 5000	1.2	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 4500	1.2	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 4000	1.2	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 3500	1.2	98.0	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 3000	1.2	98.0	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2500	1.2	98.4	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 2000	1.2	98.8	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1800	1.2	98.8	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1500	1.2	99.0	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	1.2	99.1	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	1.2	99.1	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	1.2	99.1	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	1.2	99.1	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	1.2	99.1	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	1.2	99.1	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	1.2	99.1	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	1.2	99.1	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	1.2	99.1	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	1.2	99.1	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	1.2	99.1	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	1.2	99.1	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

10-26
STATION

HOMESTEAD AFB FL
STATION NAME

69-70,73-87
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING ≥ 20000	1.0	81.3	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
18000	1.0	90.8	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
16000	1.0	90.8	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
14000	1.0	91.1	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
12000	1.0	92.8	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
10000	1.0	94.7	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
8000	1.0	94.7	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
6000	1.0	95.1	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
4500	1.0	95.5	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
4000	1.0	95.7	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
3500	1.0	95.8	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
3000	1.0	96.6	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
2500	1.0	96.9	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
2000	1.0	97.4	98.2	98.3	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
1800	1.0	98.3	99.0	99.1	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
1500	1.0	98.5	99.2	99.4	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
1200	1.0	98.5	99.2	99.4	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1000	1.0	98.5	99.2	99.4	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
900	1.0	98.5	99.2	99.4	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
800	1.0	98.5	99.2	99.4	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
700	1.0	98.5	99.2	99.4	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600	1.0	98.5	99.2	99.4	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500	1.0	98.5	99.2	99.4	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	1.0	98.5	99.2	99.4	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	1.0	98.5	99.2	99.4	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	1.0	98.5	99.2	99.4	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	1.0	98.5	99.2	99.4	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	1.0	98.5	99.2	99.4	99.5	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12626
STATION

HOMESTEAD AFB FL
STATION NAME

59-70,73-80
YEARS

ALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1600-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	71.9	72.4	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 20000	87.0	87.4	87.6	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.8	87.8	87.8
≥ 18000	87.0	87.4	87.6	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.8	87.8	87.8
≥ 16000	87.4	87.8	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3
≥ 14000	87.8	88.3	88.5	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7
≥ 12000	90.3	90.8	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2
≥ 10000	92.7	93.4	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9
≥ 8000	92.9	93.7	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1
≥ 7000	94.0	94.7	94.9	94.9	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2
≥ 6000	94.2	94.9	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4
≥ 5000	94.7	95.7	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1
≥ 4500	95.2	96.2	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7
≥ 4000	95.3	96.3	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8
≥ 3500	95.5	96.6	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1
≥ 3000	95.5	96.6	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3
≥ 2500	95.8	97.1	97.5	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9
≥ 2000	96.5	98.0	98.4	98.6	98.6	98.6	98.7	98.9	98.9	98.9	98.9	98.9	99.0	99.1	99.1	99.1
≥ 1800	96.5	98.0	98.4	98.6	98.6	98.6	98.7	98.9	98.9	98.9	98.9	98.9	99.0	99.1	99.1	99.1
≥ 1500	96.8	98.3	98.8	99.0	99.0	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.5	99.6	99.6	99.6
≥ 1200	96.8	98.3	98.8	99.0	99.0	99.0	99.1	99.4	99.4	99.4	99.4	99.4	99.5	99.6	99.6	99.6
≥ 1000	96.9	98.4	98.9	99.2	99.2	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.8	99.8	99.8
≥ 900	96.9	98.4	98.9	99.2	99.2	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.8	99.8	99.8
≥ 800	96.9	98.5	99.0	99.4	99.4	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.9	99.9	99.9
≥ 700	96.9	98.5	99.0	99.4	99.4	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.9	99.9	99.9
≥ 600	96.9	98.5	99.0	99.4	99.4	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.9	99.9	99.9
≥ 500	96.9	98.5	99.0	99.4	99.4	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.9	99.9	99.9
≥ 400	96.9	98.5	99.0	99.4	99.4	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.9	99.9	99.9
≥ 300	96.9	98.5	99.0	99.4	99.4	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.9	99.9	99.9
≥ 200	96.9	98.5	99.0	99.4	99.4	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.9	99.9	99.9
≥ 100	96.9	98.5	99.0	99.4	99.4	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.9	99.9	99.9
≥ 0	96.9	98.5	99.0	99.4	99.4	99.4	99.5	99.7	99.7	99.7	99.7	99.7	99.8	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1986
STATION

HOMESTEAD AFB FL
STATION NAME

69-70, 73-80
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

742-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/10	≥ 1/8	≥ 1/16
≥ 20000	1.2	63.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
≥ 18000	1.2	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 16000	1.2	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 14000	1.2	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 12000	1.2	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 10000	1.2	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 8000	1.2	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 6000	1.2	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 5000	1.2	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 4500	1.2	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 4000	1.2	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 3500	1.2	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 3000	1.2	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 2500	1.2	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 2000	1.2	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 1800	1.2	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 1500	1.2	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 1200	1.2	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 1000	1.2	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 900	1.2	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 800	1.2	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 700	1.2	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 600	1.2	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 500	1.2	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 400	1.2	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 300	1.2	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 200	1.2	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 100	1.2	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ U	1.2	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17326
STATION

HOMESTEAD AFB FL
STATION NAME

69-70, 73-80
YEARS

AUG.
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING ≥ 20000	1.5	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 18000	1.5	53.4	87.6	80.6	87.6	80.6	87.6	60.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 16000	1.5	80.6	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 14000	1.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 12000	1.5	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 10000	1.5	92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 9000	1.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 8000	1.5	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 7000	1.5	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 6000	1.5	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 5000	1.5	94.7	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 4500	1.5	94.7	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 4000	1.5	94.7	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 3500	1.5	94.8	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 3000	1.5	94.9	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 2500	1.5	96.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 2000	1.5	97.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1800	1.5	97.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1600	1.5	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1400	1.5	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	1.5	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	1.5	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	1.5	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	1.5	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	1.5	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	1.5	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	1.5	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	1.5	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	1.5	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200	1.5	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 100	1.5	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 0	1.5	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

10-26
STATION

HOMESTEAD AFB FL
STATION NAME

67-70, 73-80
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	1.3	49.7	49.7	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 20000	2.4	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 18000	2.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 16000	2.4	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 14000	2.4	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 12000	2.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 10000	2.5	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 9000	2.5	91.6	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 8000	2.5	93.0	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 7000	2.5	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 6000	2.5	93.1	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 5000	2.5	93.3	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 4500	2.5	94.1	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 4000	2.5	94.8	95.1	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 3500	2.5	95.1	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 3000	2.5	95.3	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 2500	2.5	96.0	96.3	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 2000	2.5	97.2	97.7	98.5	98.6	98.6	98.8	98.8	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0
≥ 1800	2.5	97.5	98.1	98.8	98.9	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.4	99.4	99.4
≥ 1500	2.5	98.0	98.5	99.2	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥ 1200	2.5	98.0	98.5	99.2	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥ 1000	2.5	98.1	98.6	99.4	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 900	2.5	98.1	98.6	99.4	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 800	2.5	98.1	98.6	99.4	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 700	2.5	98.1	98.6	99.4	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 600	2.5	98.1	98.6	99.4	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 500	2.5	98.1	98.6	99.4	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 400	2.5	98.1	98.6	99.4	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 300	2.5	98.1	98.6	99.4	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 200	2.5	98.1	98.6	99.4	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 100	2.5	98.1	98.6	99.4	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0
≥ 0	2.5	98.1	98.6	99.4	99.5	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12-26
STATION

HOMESTEAD AFB FL
STATION NAME

69-70, 73-80
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1300-2400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	1.6	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 20000	2.6	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 18000	2.6	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 16000	2.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 14000	2.6	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 12000	2.6	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 10000	2.6	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 9000	2.6	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 8000	2.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 7000	2.6	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 6000	2.6	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 5000	2.6	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 4500	2.6	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 4000	2.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 3500	2.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 3000	2.6	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 2500	2.6	97.4	97.8	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 2000	2.6	98.6	99.0	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	2.6	98.6	99.1	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1500	2.6	98.7	99.2	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1200	2.6	98.7	99.2	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	2.6	98.7	99.2	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	2.6	98.7	99.2	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	2.6	98.7	99.2	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	2.6	98.7	99.2	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	2.6	98.7	99.2	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	2.6	98.7	99.2	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	2.6	98.7	99.2	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	2.6	98.7	99.2	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	2.6	98.7	99.2	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	2.6	98.7	99.2	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	2.6	98.7	99.2	99.7	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12-26
STATION

HOMESTEAD AFB FL
STATION NAME

69-70,73-87
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 0	≥ 0
NO CEILING ≥ 20000	1.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 18000 ≥ 16000	1.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 14000 ≥ 12000	1.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 10000 ≥ 9000	1.5	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 8000 ≥ 7000	1.5	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 6000 ≥ 5000	1.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 4500 ≥ 4000	1.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 3500 ≥ 3000	1.6	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 2500 ≥ 2000	1.6	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1800 ≥ 1500	1.6	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200 ≥ 1000	1.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900 ≥ 800	1.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700 ≥ 600	1.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500 ≥ 400	1.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	1.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	1.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

10-26
STATION

HOMESTEAD AFB FL
STATION NAME

69-70,73-80
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.R.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 0	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	1.2	55.3	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 20000	1.5	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 18000	1.5	85.9	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 16000	1.5	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 14000	1.5	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 12000	1.5	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 10000	1.5	94.0	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 9000	1.5	94.3	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 8000	1.5	95.1	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 7000	1.5	95.3	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 6000	1.5	95.5	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 5000	1.5	95.7	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 4500	1.5	95.9	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 4000	1.6	96.0	96.5	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 3500	1.6	96.3	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 3000	1.6	96.4	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 2500	1.6	97.0	97.6	97.8	97.8	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 2000	1.6	98.0	98.6	98.9	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3
≥ 1800	1.6	98.1	98.8	99.1	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5
≥ 1500	1.6	98.3	99.0	99.3	99.4	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8
≥ 1200	1.6	98.3	99.0	99.3	99.4	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	1.6	98.4	99.0	99.3	99.5	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	1.6	98.4	99.0	99.3	99.5	99.5	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 800	1.6	98.4	99.0	99.4	99.5	99.5	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
≥ 700	1.6	98.4	99.1	99.4	99.5	99.5	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 600	1.6	98.4	99.1	99.4	99.5	99.5	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 500	1.6	98.4	99.1	99.4	99.5	99.5	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 400	1.6	98.4	99.1	99.4	99.5	99.5	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 300	1.6	98.4	99.1	99.4	99.5	99.5	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 200	1.6	98.4	99.1	99.4	99.5	99.5	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100	1.6	98.4	99.1	99.4	99.5	99.5	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0	1.6	98.4	99.1	99.4	99.5	99.5	99.7	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

10526
STATION

HOMESTEAD AFB FL
STATION NAME

69-70, 73-80
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	1.7	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 20000	1.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 18000	1.7	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 16000	1.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 14000	1.7	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 12000	1.7	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 10000	1.7	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 9000	1.7	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 8000	1.7	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 7000	1.7	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 6000	1.7	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 5000	1.7	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 4500	1.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 4000	1.7	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 3500	1.7	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 3000	1.7	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 2500	1.7	97.1	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 2000	1.7	97.6	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1800	1.7	97.9	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1500	1.7	98.2	99.0	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	1.7	98.2	99.0	99.1	99.4	99.4	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	1.7	98.2	99.0	99.3	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	1.7	98.2	99.0	99.3	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	1.7	98.2	99.0	99.3	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	1.7	98.2	99.0	99.3	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	1.7	98.2	99.0	99.3	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	1.7	98.2	99.0	99.3	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	1.7	98.2	99.0	99.3	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	1.7	98.2	99.0	99.3	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	1.7	98.2	99.0	99.3	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	1.7	98.2	99.0	99.3	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	1.7	98.2	99.0	99.3	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17-26
STATION

HOMESTEAD AFB FL
STATION NAME

69-70, 73-80
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0500-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING	1.7	77.9	78.1	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2
≥ 20000	1.7	88.6	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9
≥ 18000	1.7	88.7	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0
≥ 16000	1.7	88.9	89.1	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2
≥ 14000	1.7	89.2	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.6
≥ 12000	1.7	90.1	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4
≥ 10000	1.7	94.0	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6
≥ 9500	1.7	94.3	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9
≥ 8000	1.7	95.3	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0
≥ 7000	1.7	95.6	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2
≥ 6000	1.7	96.7	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7
≥ 5000	1.7	96.8	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7
≥ 4500	1.7	96.7	97.1	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3
≥ 4000	1.7	96.7	97.1	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4
≥ 3500	1.7	96.7	97.1	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4
≥ 3000	1.7	96.9	97.2	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7
≥ 2500	1.7	97.0	97.4	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9
≥ 2000	1.7	97.8	98.2	98.3	98.7	98.7	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1800	1.7	97.9	98.4	98.6	98.9	98.9	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1500	1.7	98.1	98.8	98.9	99.3	99.3	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	1.7	98.1	98.8	98.9	99.3	99.3	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	1.7	98.1	98.9	99.1	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 900	1.7	98.1	98.9	99.1	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	1.7	98.1	98.9	99.1	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	1.7	98.1	98.9	99.1	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	1.7	98.1	98.9	99.1	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	1.7	98.1	98.9	99.1	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	1.7	98.1	98.9	99.1	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	1.7	98.1	99.0	99.2	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	1.7	98.1	99.0	99.2	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	1.7	98.1	99.1	99.2	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	1.7	98.1	99.1	99.2	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17020
STATION

HOMESTEAD AFB FL
STATION NAME

69-70,73-80
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING ≥ 20000	1.4	69.9	70.7	70.7	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
≥ 18000	1.6	84.4	84.8	85.4	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 16000	1.6	84.9	85.2	85.9	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 14000	1.6	85.1	85.4	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 12000	1.6	85.6	85.9	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 10000	1.6	87.2	87.6	88.2	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 9000	1.8	93.6	94.2	94.9	95.1	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 8000	1.8	93.9	94.6	95.2	95.4	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 7000	1.8	94.9	95.6	96.2	96.4	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 6000	1.8	95.8	96.6	97.2	97.4	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 5000	1.8	96.0	96.8	97.4	97.7	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 4500	1.8	96.1	97.1	97.8	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 4000	1.8	96.1	97.1	97.8	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 3500	1.8	96.1	97.1	97.8	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 3000	1.8	96.1	97.1	97.8	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 2500	1.8	96.1	97.1	97.8	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4
≥ 2000	1.8	96.6	97.6	98.2	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9
≥ 1800	1.8	96.6	97.6	98.2	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9
≥ 1500	1.8	96.8	97.9	98.7	99.0	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4
≥ 1200	1.8	96.8	97.9	98.7	99.0	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4
≥ 1000	1.8	96.8	97.9	98.7	99.0	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4
≥ 900	1.8	96.9	98.1	98.8	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6
≥ 800	1.8	97.0	98.3	99.1	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 700	1.8	97.0	98.3	99.1	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 600	1.8	97.0	98.3	99.1	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 500	1.8	97.0	98.3	99.1	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 400	1.8	97.0	98.3	99.1	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 300	1.8	97.0	98.3	99.1	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 200	1.8	97.0	98.3	99.1	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 100	1.8	97.0	98.3	99.1	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 0	1.8	97.0	98.3	99.1	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 900

CEILING VERSUS VISIBILITY

SEP

0900-1100
HOURS (L.S.T.)

TOTAL NUMBER OF OBSERVATIONS 900

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17520
STATION

HOMESTEAD AFB FL
STATION NAME

69-70,73-87
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
≥ 8000	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
≥ 7000	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 6000	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 5000	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 4000	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 3000	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 2000	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 1500	89.9	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1000	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 800	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 600	93.3	93.9	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 500	94.2	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 400	94.7	94.7	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 300	94.4	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 200	94.9	95.3	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 100	96.0	96.7	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 0	97.6	98.4	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 800	97.6	98.4	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 700	97.8	98.9	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	97.8	98.9	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	97.8	98.9	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	97.8	98.9	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	97.8	98.9	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	97.8	98.9	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	97.8	98.9	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	97.8	98.9	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1526
STATION

HOMESTEAD AFB FL
STATION NAME

69-70,73-80
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	1.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 2000	2.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 1800	2.3	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 1600	2.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 1400	2.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 1200	2.3	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1000	2.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 900	2.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 800	2.3	94.6	94.6	94.6	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 700	2.3	95.2	95.2	95.2	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 600	2.3	95.4	95.4	95.4	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 500	2.3	96.3	96.3	96.3	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 450	2.3	96.4	96.4	96.4	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 400	2.3	96.7	96.7	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 350	2.3	96.7	96.7	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 300	2.3	97.1	97.1	97.1	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 250	2.3	97.6	97.6	97.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 200	2.3	97.9	97.9	97.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 180	2.3	98.1	98.1	98.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 160	2.3	98.1	98.1	98.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 140	2.3	98.1	98.1	98.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 120	2.3	98.1	98.1	98.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 100	2.3	98.1	98.1	98.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 90	2.3	98.1	98.1	98.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 80	2.3	98.1	98.1	98.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 70	2.3	98.1	98.1	98.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 60	2.3	98.1	98.1	98.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 50	2.3	98.1	98.1	98.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 40	2.3	98.1	98.1	98.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 30	2.3	98.1	98.1	98.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 20	2.3	98.1	98.1	98.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 10	2.3	98.1	98.1	98.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 0	2.3	98.1	98.1	98.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
HAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17-26
STATION

HOMESTEAD AFB FL
STATION NAME

69-70,73-80
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING ≥ 20000	1.4	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 18000 ≥ 16000	1.4	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 14000 ≥ 12000	1.4	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 10000 ≥ 8000	1.4	92.0	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 6000 ≥ 5000	1.4	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 4500 ≥ 4000	1.4	96.3	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 3500 ≥ 3000	1.4	97.1	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 2500 ≥ 2000	1.4	97.3	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1800 ≥ 1500	1.4	98.0	98.6	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200 ≥ 1000	1.4	98.2	98.8	99.4	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900 ≥ 800	1.4	98.2	98.8	99.4	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700 ≥ 600	1.4	98.2	98.8	99.4	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500 ≥ 400	1.4	98.2	98.8	99.4	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300 ≥ 200	1.4	98.2	98.8	99.4	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100 ≥ 0	1.4	98.2	98.8	99.4	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 925

CEILING VERSUS VISIBILITY

SEP

2100-2300
HOURS (L.S.T.)

[illegible]

TOTAL NUMBER OF OBSERVATIONS _____ 900

USAF ETAC FORM 0-14-5 (OL A) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1726
STATION

HOMESTEAD AFB FL
STATION NAME

69-70, 73-80
YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/8	≥0	≥0
NO CEILING	1.2	42.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7
≥ 20000	1.3	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 18000	1.8	82.7	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 16000	1.8	83.3	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 14000	1.8	84.4	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 12000	1.8	87.3	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 10000	1.9	92.5	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 9000	1.9	93.7	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 8000	1.9	94.8	95.0	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 7000	1.9	95.3	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 6000	1.9	95.6	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.3
≥ 5000	1.9	95.9	96.3	96.4	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 4500	1.9	96.1	96.5	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 4000	1.9	96.2	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0
≥ 3500	1.9	96.2	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0
≥ 3000	1.9	96.5	97.0	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4
≥ 2500	1.9	97.1	97.5	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.0
≥ 2000	1.9	97.8	98.4	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0
≥ 1800	1.9	97.8	98.5	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2
≥ 1500	1.9	98.1	98.9	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	1.9	98.1	98.9	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8
≥ 1000	1.9	98.1	98.9	99.2	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 900	1.9	98.1	98.9	99.2	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 800	1.9	98.1	98.9	99.2	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 700	1.9	98.1	98.9	99.2	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 600	1.9	98.1	98.9	99.2	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 500	1.9	98.1	99.0	99.3	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 400	1.9	98.1	99.0	99.3	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 300	1.9	98.1	99.0	99.3	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 200	1.9	98.1	99.0	99.3	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 100	1.9	98.1	99.0	99.3	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 0	1.9	98.1	99.0	99.3	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 7290

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

11024
STATION

HOMESTEAD AFB FL
STATION NAME

67-73-87
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1000-0000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 3/8	≥ 1/2	≥ 1/4	≥ 1/8	≥ 0
NO CEILING	1.7	74.9	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 20000	1.7	82.8	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 18000	1.7	82.9	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 16000	1.7	83.2	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 14000	1.7	84.3	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 12000	1.3	84.7	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 10000	1.3	87.2	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 9000	1.3	88.2	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 8000	1.3	90.9	91.4	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 7000	1.3	91.8	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 6000	1.3	91.9	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 5000	1.3	93.2	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 4500	1.3	93.4	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 4000	1.3	94.3	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 3500	1.3	95.2	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 3000	1.3	95.9	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 2500	1.3	96.2	97.2	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 2000	1.3	96.6	97.5	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1800	1.3	96.9	97.7	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1600	1.3	97.5	98.7	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1400	1.3	97.5	98.7	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	1.3	97.5	98.7	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	1.3	97.5	98.7	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	1.3	97.5	98.7	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	1.3	97.5	98.7	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	1.3	97.5	98.7	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	1.3	97.5	98.7	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	1.3	97.5	98.7	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	1.3	97.5	98.7	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	1.3	97.5	98.7	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	1.3	97.5	98.7	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	1.3	97.5	98.7	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	1.3	97.5	98.7	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 936

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1 -24
STATION

HOMESTEAD AFB FL
STATION NAME

69-70, 73-87
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

300-600
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	1.6	72.4	73.3	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 20000	1.7	79.8	80.8	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 18000	1.7	79.8	80.8	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 16000	1.7	80.0	81.0	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 14000	1.7	80.9	81.8	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 12000	1.7	82.3	83.2	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
≥ 10000	1.7	84.9	86.1	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 9000	1.7	85.5	86.7	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 8000	1.7	88.3	89.6	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 7000	1.7	89.5	91.1	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 6000	1.7	89.6	91.2	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 5000	1.7	90.3	91.3	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 4500	1.7	90.8	92.4	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 4000	1.7	91.8	93.5	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 3500	1.7	92.7	94.4	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 3000	1.7	93.8	95.7	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 2500	1.7	94.1	96.0	96.7	97.0	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 2000	1.7	94.6	97.0	97.6	98.0	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1800	1.7	94.8	97.2	97.8	98.2	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1600	1.7	94.8	97.3	98.0	98.4	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1400	1.7	94.9	97.3	98.0	98.4	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	1.7	94.9	97.3	98.1	98.5	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1000	1.7	94.9	97.3	98.1	98.5	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	1.7	94.9	97.3	98.1	98.5	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800	1.7	94.9	97.3	98.1	98.5	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 700	1.7	94.9	97.3	98.1	98.5	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600	1.7	94.9	97.3	98.1	98.5	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500	1.7	94.9	97.3	98.1	98.5	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 400	1.7	94.9	97.3	98.1	98.5	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 300	1.7	94.9	97.3	98.1	98.5	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 200	1.7	94.9	97.3	98.1	98.5	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 100	1.7	94.9	97.3	98.1	98.5	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 0	1.7	94.9	97.3	98.1	98.5	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8

TOTAL NUMBER OF OBSERVATIONS 931

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1726
STATION

HOMESTEAD AFB FL
STATION NAME

69-70, 73-8
YEARS

CCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2600-0670
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32
NOT REPORTED	.5	64.3	67.4	68.0	68.3	68.3	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 25000	.6	73.9	77.1	77.5	77.8	77.8	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 18000	.6	74.0	77.1	77.6	78.1	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 15000	.6	74.1	77.1	77.6	78.1	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 14000	.6	74.9	78.1	78.6	78.9	78.9	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 12000	.6	77.2	80.3	81.9	81.2	81.2	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 10000	.6	90.4	83.9	84.6	85.1	85.1	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 9000	.6	81.3	84.7	85.5	85.9	85.9	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 8000	.6	85.6	89.1	90.0	90.4	90.4	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 7000	.6	87.2	91.0	91.8	92.3	92.3	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 6000	.6	87.7	91.9	92.4	92.8	92.8	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 5000	.6	88.0	91.8	92.8	93.2	93.2	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 4500	.6	88.4	92.3	93.2	93.7	93.7	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 4000	.6	82.4	93.4	94.4	94.8	94.8	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 3500	.6	89.8	93.9	94.8	95.3	95.3	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 3000	.6	91.8	94.9	95.9	96.3	96.3	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 2500	.6	91.1	95.9	96.7	97.1	97.1	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 2000	.6	91.2	95.7	97.0	97.5	97.5	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1800	.6	91.2	95.7	97.0	97.5	97.5	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1500	.6	91.3	95.8	97.1	97.6	97.6	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1200	.6	91.4	96.0	97.3	97.8	97.8	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1000	.6	91.5	96.1	97.5	98.1	98.1	98.2	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	.6	91.6	96.2	97.6	98.2	98.3	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 800	.6	91.7	96.3	97.8	98.4	98.5	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	.6	91.7	96.3	97.8	98.4	98.6	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	.6	91.7	96.3	97.8	98.4	98.6	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	.6	91.7	96.3	97.8	98.4	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	.6	91.8	96.7	98.2	98.7	98.9	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	.6	91.8	96.7	98.2	98.8	99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	.6	91.8	96.7	98.2	98.8	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	.6	91.8	96.7	98.2	98.8	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 50	.6	91.8	96.7	98.2	98.8	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 23

USAF ETAC FORM 10-15 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17026
STATION

HOMESTEAD AFB FL
STATION NAME

69-70,73-80
YEARS

007
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO. OF ≥ 20000	.9	66.0	66.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
≥ 18000	.9	77.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 16000	.9	77.5	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 14000	.9	77.6	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 12000	.9	78.5	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 10000	1.0	81.3	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 9000	1.0	84.1	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 8000	1.0	85.2	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 7000	1.0	89.0	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 6000	1.0	90.0	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 5000	1.0	91.0	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 4500	1.0	91.6	92.6	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 4000	1.0	92.3	93.3	93.3	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 3500	1.0	92.7	93.7	93.8	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 3000	1.0	93.3	94.3	94.1	94.1	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 2500	1.0	93.5	94.6	94.7	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 2000	1.0	94.9	96.0	96.5	96.6	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1800	1.0	96.0	97.4	97.8	98.1	98.1	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1600	1.0	96.0	97.4	97.8	98.1	98.1	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1400	1.0	96.2	97.7	98.3	98.5	98.5	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1200	1.0	96.3	97.8	98.5	98.7	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2
≥ 1000	1.0	96.3	97.8	98.5	98.7	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2
≥ 900	1.0	96.7	98.2	98.8	99.0	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6
≥ 800	1.0	96.8	98.3	99.0	99.2	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
≥ 700	1.0	96.8	98.3	99.0	99.2	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 600	1.0	96.8	98.3	99.0	99.2	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 500	1.0	96.8	98.3	99.0	99.2	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 400	1.0	96.8	98.3	99.0	99.2	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 300	1.0	96.8	98.3	99.0	99.2	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 200	1.0	96.8	98.3	99.0	99.2	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 100	1.0	96.8	98.3	99.0	99.2	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
≥ 0	1.0	96.8	98.3	99.0	99.2	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

10-26
STATION

HOMESTEAD AFB FL
STATION NAME

69-70, 73-80
YEARS

001
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 20000	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 18000	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 16000	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 14000	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 12000	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 10000	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 9500	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 8000	90.3	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 7000	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 6000	91.7	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 5000	92.6	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 4500	93.0	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 4000	94.2	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 3500	94.4	94.6	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 3000	94.7	94.9	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 2500	95.8	96.1	96.3	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 2000	97.0	97.4	97.6	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1800	97.2	97.6	98.0	98.4	98.4	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1500	97.6	98.1	98.4	98.8	98.8	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	97.6	98.3	98.6	99.0	99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	97.7	98.6	99.0	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	97.7	98.6	99.0	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	97.7	98.6	99.0	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	97.7	98.6	99.0	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	97.7	98.6	99.0	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	97.7	98.6	99.0	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	97.7	98.6	99.0	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.7	98.6	99.0	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.7	98.6	99.0	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.7	98.6	99.0	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.7	98.6	99.0	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1-26
STATION

HOMESTEAD AFB FL
STATION NAME

69-70,73-80
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 0	≥ 0	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO. REPORTED	1.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
≥ 20000	1.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 18000	1.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 16000	1.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 14000	1.2	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 12000	1.2	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 10000	1.2	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 9000	1.2	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 8000	1.2	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 7000	1.2	91.0	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 6000	1.2	91.5	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 5000	1.2	92.2	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 4500	1.2	92.7	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 4000	1.2	93.3	93.7	93.9	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 3500	1.2	93.9	94.3	94.4	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 3000	1.2	94.2	94.5	94.7	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 2500	1.2	95.2	95.7	95.9	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 2000	1.2	96.5	97.0	97.2	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1800	1.2	96.9	97.4	97.6	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1500	1.2	97.4	98.1	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	1.2	97.6	98.7	98.8	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	1.2	97.6	98.2	98.6	98.9	99.1	99.2	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6
≥ 800	1.2	97.6	98.2	98.6	98.9	99.1	99.2	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6
≥ 700	1.2	97.6	98.2	98.6	98.9	99.1	99.2	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6
≥ 600	1.2	97.6	98.2	98.6	98.9	99.1	99.2	99.4	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6
≥ 500	1.2	97.6	98.2	98.6	98.9	99.1	99.4	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0
≥ 400	1.2	97.6	98.2	98.6	98.9	99.1	99.4	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0
≥ 300	1.2	97.6	98.2	98.6	98.9	99.1	99.4	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0
≥ 200	1.2	97.6	98.2	98.6	98.9	99.1	99.4	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0
≥ 100	1.2	97.6	98.2	98.6	98.9	99.1	99.4	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0
≥ 0	1.2	97.6	98.2	98.6	98.9	99.1	99.4	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1. 26
STATION

HOMESTEAD AFB FL
STATION NAME

69-70, 73-80
YEARS

CCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-0000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO RECORD	1.3	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥2000	1.3	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥1800	1.3	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥1600	1.3	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥1400	1.3	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥1200	1.3	80.0	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥1000	1.3	86.1	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥900	1.3	86.8	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥800	1.3	88.9	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥700	1.3	89.9	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥600	1.3	91.3	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥500	1.3	92.2	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥450	1.3	92.6	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥400	1.3	93.9	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥350	1.3	94.1	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥300	1.3	95.2	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥250	1.3	95.7	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥200	1.3	97.3	98.5	98.6	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥180	1.3	97.5	98.8	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥150	1.3	97.5	98.9	99.0	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥120	1.3	97.8	99.2	99.4	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥100	1.3	97.8	99.2	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥90	1.3	97.8	99.2	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥80	1.3	97.8	99.2	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥70	1.3	97.8	99.2	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥60	1.3	97.8	99.2	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥50	1.3	97.8	99.2	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥40	1.3	97.8	99.2	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥30	1.3	97.8	99.2	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥20	1.3	97.8	99.2	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥10	1.3	97.8	99.2	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥0	1.3	97.8	99.2	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

10-26
STATION

HOMESTEAD AFB FL
STATION NAME

69-70, 73-80
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-23
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	1.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 20000	1.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 18000	1.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 16000	1.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 14000	1.3	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 12000	1.3	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 10000	1.3	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 9000	1.3	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 8000	1.3	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 7000	1.3	92.8	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 6000	1.3	93.4	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 5000	1.3	94.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 4500	1.3	94.4	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 4000	1.3	95.2	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 3500	1.3	95.7	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 3000	1.3	96.5	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 2500	1.3	97.1	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 2000	1.3	98.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1800	1.3	98.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1500	1.3	98.3	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1200	1.3	98.3	99.4	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 1000	1.3	98.4	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	1.3	98.4	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	1.3	98.4	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	1.3	98.4	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	1.3	98.4	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	1.3	98.4	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	1.3	98.4	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	1.3	98.4	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	1.3	98.4	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	1.3	98.4	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	1.3	98.4	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1926
STATION

HOMESTEAD AFB FL
STATION NAME

69-70,73-80
YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING ≥ 20000	1.2	67.4	68.1	68.2	67.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 18000	1.2	78.0	78.7	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 16000	1.2	78.4	79.1	79.3	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 14000	1.2	79.5	80.2	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 12000	1.2	81.7	82.4	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 10000	1.2	85.4	86.3	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 9000	1.2	86.2	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 8000	1.2	89.3	90.2	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 7000	1.2	91.4	91.5	91.7	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 6000	1.2	91.0	92.1	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 5000	1.2	91.8	92.9	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 4500	1.2	92.2	93.3	93.6	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 4000	1.2	93.1	94.3	94.6	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 3500	1.2	93.6	94.8	95.1	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 3000	1.2	94.1	95.6	95.9	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 2500	1.2	95.0	96.4	96.8	97.0	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 2000	1.2	95.9	97.4	97.9	98.2	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1800	1.2	96.1	97.6	98.1	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1500	1.2	96.3	97.9	98.4	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1200	1.2	96.4	98.1	98.6	98.9	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	1.2	96.5	98.2	98.8	99.1	99.1	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	1.2	96.5	98.2	98.8	99.1	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	1.2	96.6	98.3	98.8	99.2	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	1.2	96.6	98.3	98.9	99.2	99.3	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	1.2	96.6	98.3	98.9	99.2	99.3	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	1.2	96.6	98.3	99.0	99.3	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	1.2	96.6	98.4	99.0	99.4	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	1.2	96.6	98.4	99.0	99.4	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	1.2	96.6	98.4	99.0	99.4	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	1.2	96.6	98.4	99.0	99.4	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	1.2	96.6	98.4	99.0	99.4	99.5	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 7440

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AF WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

11-26
STATION

HOMESTEAD AFB FL
STATION NAME

69-70, 73-80
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING		72.2	72.8	73.1	73.4	73.4	73.4	73.6	73.6	73.7	73.7	73.7	73.9	73.9	74.7	74.2
≥ 20000		76.3	77.0	77.3	77.7	77.7	77.7	77.8	77.8	77.9	77.9	77.9	78.2	78.2	78.3	78.8
≥ 18000		76.6	77.2	77.6	77.9	77.9	77.9	78.0	78.0	78.1	78.1	78.1	78.4	78.4	78.6	79.0
≥ 16000		76.7	77.3	77.7	78.0	78.0	78.0	78.1	78.1	78.2	78.2	78.2	78.6	78.6	78.7	79.2
≥ 14000		76.8	77.4	77.8	78.1	78.1	78.1	78.2	78.2	78.3	78.3	78.3	78.7	78.7	78.8	79.3
≥ 12000		78.1	78.3	79.1	79.4	79.4	79.4	79.6	79.6	79.7	79.7	79.7	80.0	80.0	80.1	80.7
≥ 10000		81.4	82.1	82.6	82.9	82.9	82.9	83.0	83.0	83.1	83.1	83.1	83.4	83.4	83.6	84.1
≥ 9000		82.7	83.3	83.8	84.1	84.1	84.1	84.2	84.2	84.3	84.3	84.3	84.7	84.7	84.8	85.3
≥ 8000		84.8	85.4	85.9	86.2	86.2	86.2	86.3	86.3	86.4	86.4	86.4	86.8	86.8	86.9	87.4
≥ 7000		85.7	86.3	86.9	87.4	87.4	87.4	87.6	87.6	87.7	87.7	87.7	88.0	88.0	88.1	88.7
≥ 6000		87.3	88.1	88.6	89.1	89.1	89.1	89.2	89.2	89.3	89.3	89.3	89.7	89.7	89.8	90.3
≥ 5000		89.1	89.8	90.3	90.9	90.9	90.9	91.0	91.0	91.1	91.1	91.1	91.4	91.4	91.6	92.1
≥ 4500		90.3	91.1	91.7	92.2	92.2	92.2	92.3	92.3	92.4	92.4	92.4	92.8	92.8	92.9	93.4
≥ 4000		91.8	92.6	93.1	93.7	93.7	93.7	93.8	93.8	93.9	93.9	93.9	94.2	94.2	94.3	94.9
≥ 3500		93.1	93.9	94.4	95.0	95.0	95.0	95.1	95.1	95.2	95.2	95.2	95.6	95.6	95.7	96.2
≥ 3000		94.2	95.1	95.7	96.2	96.2	96.2	96.3	96.3	96.4	96.4	96.4	96.8	96.8	96.9	97.4
≥ 2500		95.6	96.6	97.1	97.7	97.7	97.7	97.8	97.8	97.9	97.9	97.9	98.2	98.2	98.3	98.9
≥ 2000		96.1	97.1	97.7	98.2	98.2	98.2	98.3	98.3	98.4	98.4	98.4	98.8	98.8	98.9	99.4
≥ 1800		96.3	97.3	97.9	98.4	98.4	98.4	98.6	98.6	98.7	98.7	98.7	99.0	99.0	99.1	99.7
≥ 1500		96.3	97.3	97.9	98.4	98.4	98.4	98.6	98.6	98.7	98.7	98.7	99.0	99.0	99.1	99.7
≥ 1200		96.3	97.3	97.9	98.4	98.4	98.4	98.6	98.6	98.7	98.7	98.7	99.0	99.0	99.1	99.7
≥ 1000		96.3	97.3	97.9	98.4	98.4	98.4	98.6	98.6	98.7	98.7	98.7	99.0	99.0	99.1	99.7
≥ 900		96.4	97.4	98.0	98.6	98.6	98.6	98.7	98.7	98.8	98.8	98.8	99.1	99.1	99.2	99.8
≥ 800		96.6	97.6	98.1	98.7	98.7	98.7	98.8	98.8	98.9	98.9	98.9	99.2	99.2	99.3	99.9
≥ 700		96.7	97.7	98.2	98.8	98.8	98.8	98.9	98.9	99.0	99.0	99.0	99.3	99.3	99.4	100.0
≥ 600		96.7	97.7	98.2	98.8	98.8	98.8	98.9	98.9	99.0	99.0	99.0	99.3	99.3	99.4	100.0
≥ 500		96.7	97.7	98.2	98.8	98.8	98.8	98.9	98.9	99.0	99.0	99.0	99.3	99.3	99.4	100.0
≥ 400		96.7	97.7	98.2	98.8	98.8	98.8	98.9	98.9	99.0	99.0	99.0	99.3	99.3	99.4	100.0
≥ 300		96.7	97.7	98.2	98.8	98.8	98.8	98.9	98.9	99.0	99.0	99.0	99.3	99.3	99.4	100.0
≥ 200		96.7	97.7	98.2	98.8	98.8	98.8	98.9	98.9	99.0	99.0	99.0	99.3	99.3	99.4	100.0
≥ 100		96.7	97.7	98.2	98.8	98.8	98.8	98.9	98.9	99.0	99.0	99.0	99.3	99.3	99.4	100.0
≥ 0		96.7	97.7	98.2	98.8	98.8	98.8	98.9	98.9	99.0	99.0	99.0	99.3	99.3	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1726
STATION

HOMESTEAD AFB FL
STATION NAME

69-70, 73-80
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1300-1500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0
NO CEILING ≥ 20000	.3	70.0	72.1	73.0	73.0	73.3	73.3	73.3	73.4	73.7	74.2	74.2	74.4	74.6	74.9
≥ 18000	.3	72.6	74.7	75.9	76.1	76.4	76.4	76.4	76.6	76.8	77.3	77.3	77.6	77.7	78.1
≥ 16000	.3	72.6	74.7	75.9	76.1	76.4	76.4	76.4	76.6	76.8	77.3	77.3	77.6	77.7	78.1
≥ 14000	.3	73.0	75.1	76.3	76.6	76.9	76.9	76.9	77.0	77.2	77.8	77.8	78.0	78.1	78.6
≥ 12000	.3	74.7	76.8	78.1	78.2	78.6	78.6	78.6	78.7	78.9	79.4	79.4	79.7	79.8	80.2
≥ 10000	.3	77.1	79.3	80.7	80.9	81.2	81.2	81.2	81.3	81.6	82.1	82.1	82.3	82.4	82.9
≥ 9000	.3	78.0	80.3	81.7	81.9	82.2	82.2	82.2	82.3	82.6	83.1	83.1	83.3	83.4	83.9
≥ 8000	.3	80.0	82.6	84.0	84.2	84.6	84.6	84.6	84.7	84.9	85.4	85.4	85.7	85.8	86.2
≥ 7000	.3	80.6	83.1	84.6	84.8	85.1	85.1	85.1	85.2	85.4	86.0	86.0	86.2	86.3	86.9
≥ 6000	.3	81.6	84.1	85.6	85.8	86.1	86.1	86.1	86.2	86.4	87.0	87.0	87.2	87.3	87.9
≥ 5000	.4	84.3	87.0	88.4	88.7	89.0	89.0	89.0	89.1	89.3	89.9	89.9	90.1	90.2	90.8
≥ 4500	.4	85.6	88.3	89.8	90.0	90.3	90.3	90.3	90.4	90.7	91.2	91.2	91.4	91.6	92.1
≥ 4000	.4	87.6	90.3	91.8	92.0	92.3	92.3	92.3	92.4	92.7	93.2	93.2	93.4	93.6	94.1
≥ 3500	.4	88.0	90.8	92.2	92.4	92.8	92.8	92.8	92.9	93.1	93.7	93.7	93.9	94.0	94.6
≥ 3000	.4	88.8	91.6	93.1	93.3	93.7	93.7	93.7	93.8	94.0	94.6	94.6	94.9	95.0	95.6
≥ 2500	.4	89.3	92.3	93.9	94.1	94.4	94.4	94.4	94.6	94.8	95.3	95.3	95.7	95.8	96.3
≥ 2000	.4	90.4	93.4	95.0	95.2	95.6	95.6	95.7	95.8	96.0	96.6	96.6	96.9	97.0	97.6
≥ 1800	.4	90.7	93.8	95.3	95.6	95.9	95.9	96.0	96.1	96.3	96.9	96.9	97.2	97.3	97.8
≥ 1500	.4	90.7	93.8	95.3	95.6	95.9	95.9	96.0	96.1	96.3	96.9	96.9	97.2	97.3	97.8
≥ 1200	.4	90.7	93.8	95.3	95.6	95.9	95.9	96.0	96.1	96.3	96.9	96.9	97.2	97.3	97.8
≥ 1000	.4	90.9	94.0	95.6	95.8	96.1	96.1	96.2	96.3	96.6	97.1	97.1	97.4	97.6	98.1
≥ 900	.4	90.9	94.0	95.6	95.8	96.1	96.1	96.2	96.3	96.6	97.1	97.1	97.4	97.6	98.1
≥ 800	.4	91.0	94.1	95.7	95.9	96.2	96.2	96.3	96.4	96.7	97.3	97.3	97.7	97.8	98.3
≥ 700	.4	91.2	94.3	95.9	96.1	96.4	96.4	96.6	96.7	96.9	97.6	97.6	97.9	98.0	98.6
≥ 600	.4	91.3	94.4	96.0	96.2	96.6	96.6	96.7	96.8	97.0	97.7	97.7	98.0	98.1	98.7
≥ 500	.4	91.3	94.4	96.0	96.2	96.6	96.6	96.8	96.9	97.2	98.0	98.0	98.4	98.6	99.2
≥ 400	.4	91.3	94.4	96.0	96.2	96.6	96.7	96.9	97.0	97.3	98.1	98.1	98.6	98.7	99.4
≥ 300	.4	91.4	94.6	96.1	96.3	96.7	96.9	97.1	97.2	97.7	98.4	98.4	98.9	99.0	99.8
≥ 200	.4	91.4	94.6	96.1	96.3	96.7	96.9	97.1	97.2	97.7	98.4	98.4	98.9	99.1	99.8
≥ 100	.4	91.4	94.6	96.1	96.3	96.7	96.9	97.1	97.2	97.7	98.4	98.4	98.9	99.1	99.8
≥ 0	.4	91.4	94.6	96.1	96.3	96.7	96.9	97.1	97.2	97.7	98.4	98.4	98.9	99.1	99.8

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFG WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

10026
STATION

HOMESTEAD AFB FL
STATION NAME

69-70, 73-80
YEARS

NGV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1600-0600
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING ≥ 20000	.1	63.7	67.2	69.3	70.6	70.8	70.9	71.1	71.4	71.7	71.9	72.0	72.2	72.2	72.4	72.4
≥ 18000	.1	63.9	72.7	74.8	76.0	76.2	76.3	76.6	76.9	77.1	77.3	77.4	77.7	77.7	77.9	78.0
≥ 16000	.1	68.9	72.7	74.8	76.0	76.2	76.3	76.6	76.9	77.1	77.3	77.4	77.7	77.7	77.9	78.0
≥ 14000	.1	69.3	73.1	75.2	76.4	76.7	76.8	77.0	77.3	77.6	77.8	77.9	78.1	78.1	78.3	78.4
≥ 12000	.1	70.6	74.3	76.4	77.7	77.9	78.0	78.2	78.5	78.8	79.0	79.1	79.3	79.3	79.6	79.7
≥ 10000	.1	74.0	77.9	80.2	81.6	81.8	81.9	82.1	82.4	82.7	82.9	83.1	83.2	83.2	83.4	83.6
≥ 9000	.1	75.0	78.9	81.2	82.6	82.8	82.9	83.1	83.4	83.7	83.9	84.0	84.2	84.2	84.4	84.6
≥ 8000	.1	77.2	81.2	83.8	85.1	85.3	85.4	85.7	86.1	86.2	86.4	86.6	86.8	86.8	87.0	87.1
≥ 7000	.1	77.6	81.6	84.1	85.6	85.8	86.0	86.2	86.6	86.8	87.0	87.1	87.3	87.3	87.6	87.7
≥ 6000	.1	78.4	82.4	85.0	86.4	86.7	86.9	87.1	87.4	87.7	87.9	88.0	88.2	88.2	88.4	88.6
≥ 5000	.1	80.2	84.2	86.8	88.2	88.4	88.7	88.9	89.2	89.4	89.7	89.8	90.0	90.0	90.2	90.3
≥ 4500	.1	81.1	85.2	87.8	89.2	89.6	89.8	90.0	90.3	90.6	90.8	90.9	91.1	91.1	91.3	91.4
≥ 4000	.1	82.6	86.8	89.3	90.8	91.1	91.3	91.6	91.9	92.1	92.3	92.4	92.7	92.7	92.9	93.0
≥ 3500	.1	83.0	87.2	89.8	91.2	91.6	91.8	92.0	92.3	92.6	92.8	92.9	93.1	93.1	93.3	93.4
≥ 3000	.1	83.3	87.7	90.3	91.9	92.2	92.4	92.7	93.0	93.2	93.4	93.6	93.8	93.8	94.0	94.2
≥ 2500	.1	83.6	87.9	90.6	92.1	92.4	92.7	92.9	93.2	93.4	93.7	93.8	94.0	94.0	94.2	94.4
≥ 2000	.1	84.6	89.2	92.1	93.6	93.9	94.1	94.4	94.8	95.1	95.2	95.3	95.6	95.6	95.8	96.0
≥ 1800	.1	84.6	89.3	92.1	93.7	94.0	94.2	94.6	94.9	95.1	95.3	95.4	95.7	95.7	95.9	96.1
≥ 1500	.1	84.6	89.6	92.3	94.2	94.6	94.8	95.2	95.6	95.8	96.0	96.1	96.3	96.3	96.6	96.8
≥ 1200	.1	85.1	89.9	92.8	94.7	95.0	95.2	95.7	96.0	96.2	96.4	96.6	96.8	96.8	97.0	97.2
≥ 1000	.1	85.2	90.1	93.0	94.9	95.2	95.4	95.9	96.2	96.4	96.7	96.8	97.0	97.0	97.2	97.4
≥ 900	.1	85.3	90.2	93.1	95.0	95.4	95.7	96.1	96.4	96.7	96.9	97.0	97.2	97.2	97.4	97.7
≥ 800	.1	85.4	90.3	93.3	95.3	95.8	96.1	96.6	96.9	97.1	97.3	97.4	97.7	97.7	97.9	98.1
≥ 700	.1	85.4	90.3	93.3	95.3	95.8	96.1	96.6	96.9	97.1	97.3	97.4	97.7	97.7	97.9	98.2
≥ 600	.1	85.6	90.6	93.6	95.6	96.0	96.4	96.9	97.2	97.4	97.7	97.8	98.0	98.0	98.4	98.8
≥ 500	.1	85.6	90.6	93.6	95.6	96.0	96.4	97.0	97.3	97.6	97.8	97.9	98.1	98.1	98.6	98.9
≥ 400	.1	85.7	90.7	93.7	95.7	96.2	96.7	97.3	97.8	98.0	98.2	98.3	98.6	98.6	99.0	99.3
≥ 300	.1	85.7	90.7	93.7	95.7	96.2	96.7	97.3	97.8	98.0	98.2	98.4	98.7	98.7	99.3	99.7
≥ 200	.1	85.7	90.7	93.7	95.7	96.2	96.7	97.3	97.8	98.0	98.2	98.4	98.7	98.9	99.6	100.0
≥ 100	.1	85.7	90.7	93.7	95.7	96.2	96.7	97.3	97.8	98.0	98.2	98.4	98.7	98.9	99.6	100.0
≥ 0	.1	85.7	90.7	93.7	95.7	96.2	96.7	97.3	97.8	98.0	98.2	98.4	98.7	98.9	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17006
STATION

HOMESTEAD AFB FL
STATION NAME

69-70, 73-80
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1900-1100
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0	≥ 0
NO CEILING	66.9	69.8	70.0	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 20000	74.3	76.4	77.7	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 18000	74.4	76.6	77.8	77.9	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 16000	74.8	76.9	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 14000	75.3	77.4	78.7	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 12000	76.8	78.9	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 10000	80.7	82.8	84.0	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 9000	82.3	84.4	85.7	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 8000	84.1	86.2	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 7000	84.7	86.9	88.3	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 6000	86.4	88.7	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 5000	88.8	91.0	92.4	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 4500	90.4	92.7	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 4000	91.4	93.7	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 3500	91.8	94.1	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 3000	92.2	94.6	96.0	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 2500	92.6	94.9	96.3	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 2000	93.4	95.8	97.2	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1800	93.6	95.9	97.3	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 1500	93.9	96.3	97.9	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1200	93.9	96.3	97.9	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1000	94.2	96.9	98.4	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	94.3	97.0	98.6	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	94.4	97.1	98.6	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	94.4	97.1	98.6	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600	94.6	97.2	98.9	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	94.6	97.2	99.0	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	94.6	97.2	99.0	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	94.6	97.2	99.0	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	94.6	97.2	99.0	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	94.6	97.2	99.0	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	94.6	97.2	99.0	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
 DAFETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12-26
STATION

HOMESTEAD AFB FL
STATION NAME

69-70,73-81
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 0	≥ 0	≥ 1	≥ 2	≥ 3	≥ 4	≥ 5	≥ 6	≥ 7	≥ 8	≥ 9	≥ 10	≥ 11	≥ 12	≥ 13	≥ 14
NO RECORD	.2	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
≥ 2000	.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 1800	.2	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 1600	.2	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 1400	.2	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 1200	.2	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 1000	.2	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 900	.2	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 800	.2	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 700	.2	88.6	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 600	.2	89.7	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 500	.2	92.4	92.4	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 4500	.2	93.1	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 4000	.2	94.2	94.4	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 3500	.2	94.7	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 3000	.2	95.9	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 2500	.2	96.4	97.1	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 2000	.2	97.2	97.9	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1800	.2	97.3	98.0	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1600	.2	97.8	98.6	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1400	.2	98.1	98.9	99.3	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	.2	98.2	99.0	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	.2	98.3	99.1	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	.2	98.3	99.2	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 800	.2	98.3	99.2	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	.2	98.3	99.2	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	.2	98.3	99.2	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	.2	98.3	99.2	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	.2	98.3	99.2	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	.2	98.3	99.2	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	.2	98.3	99.2	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	.2	98.3	99.2	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	.2	98.3	99.2	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1626 HOMESTEAD AFB FL

67-70,73-5

NOV

STATION STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1600-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 2/3	≥ 1/2	≥ 1/4	≥ 1/8	≥ 0
NO CEILING	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 20000	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 18000	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 16000	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 14000	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 12000	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 10000	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 9000	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 8000	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 7000	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 6000	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 5000	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 4500	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 4000	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 3500	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 3000	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 2500	98.0	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2000	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1800	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1600	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1400	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 100	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 0	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS 200

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1120
STATION

HOMESTEAD AFB FL
STATION NAME

69-70, 73-81
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

18 0-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 1/16
NO CEILING ≥ 20000	.2	69.3	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 18000	.2	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 16000	.2	75.1	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 14000	.2	76.4	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 12000	.2	78.0	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 10000	.2	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 9000	.2	82.9	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 8000	.2	84.9	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 7000	.2	86.6	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 6000	.2	88.5	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 5000	.2	90.7	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 4500	.2	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 4000	.2	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 3500	.2	95.9	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 3000	.2	96.5	97.1	97.3	97.4	97.4	97.5	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7
≥ 2500	.2	97.1	97.8	98.1	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2000	.2	97.7	98.3	98.7	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1800	.2	97.8	98.4	98.8	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1500	.2	98.0	98.7	99.0	99.1	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1200	.2	98.1	98.8	99.1	99.2	99.2	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1000	.2	98.1	98.8	99.1	99.2	99.2	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	.2	98.1	98.8	99.1	99.2	99.2	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	.2	98.1	98.8	99.1	99.2	99.2	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	.2	98.1	98.8	99.1	99.2	99.2	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	.2	98.1	98.8	99.1	99.2	99.2	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	.2	98.1	98.8	99.1	99.2	99.2	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	.2	98.1	98.8	99.1	99.2	99.2	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	.2	98.1	98.8	99.1	99.2	99.2	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	.2	98.1	98.8	99.1	99.2	99.2	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100	.2	98.1	98.8	99.1	99.2	99.2	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6
≥ 0	.2	98.1	98.8	99.1	99.2	99.2	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 897

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

132b
STATION

HOMESTEAD AFB FL
STATION NAME

69-70,73-80
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING		70.9	71.1	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 2000		76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 1800		76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 1600		76.0	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 1400		76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 1200		78.0	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 1000		82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 900		83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 800		85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 700		86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 600		88.1	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 500		91.1	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 450		92.4	92.5	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 400		93.1	93.3	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 350		94.9	95.1	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 300		96.0	96.3	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 250		96.5	97.0	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 200		97.7	98.1	98.6	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 180		97.7	98.1	98.6	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 150		97.8	98.2	98.7	99.0	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 120		97.8	98.2	98.7	99.0	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100		98.1	98.4	98.9	99.2	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 90		98.1	98.6	99.0	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 80		98.2	98.8	99.2	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 70		98.2	98.8	99.2	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 60		98.2	98.8	99.2	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 50		98.3	98.9	99.3	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 40		98.3	98.9	99.3	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 30		98.3	98.9	99.3	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 20		98.3	98.9	99.3	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 10		98.3	98.9	99.3	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		98.3	98.9	99.3	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 897

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12526
STATION

HOMESTEAD AFB FL
STATION NAME

69-70,73-80
YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 1/32	≥ 0
NO CEILING	.1	68.3	69.3	69.9	70.1	70.2	70.2	70.3	70.3	70.4	70.5	70.5	70.6	70.6	70.7	70.7	70.7
≥ 20000	.1	74.3	75.5	76.1	76.3	76.4	76.4	76.4	76.5	76.6	76.7	76.7	76.8	76.8	76.9	76.9	77.1
≥ 18000	.1	74.4	75.6	76.2	76.4	76.5	76.5	76.5	76.6	76.7	76.8	76.8	76.9	76.9	77.0	77.0	77.1
≥ 16000	.1	74.6	75.8	76.4	76.6	76.7	76.7	76.7	76.8	76.9	77.0	77.0	77.1	77.1	77.2	77.2	77.3
≥ 14000	.1	75.3	76.5	77.1	77.3	77.4	77.4	77.4	77.5	77.6	77.7	77.7	77.8	77.8	77.9	77.9	78.0
≥ 12000	.1	77.0	78.2	78.8	79.0	79.1	79.1	79.2	79.2	79.3	79.4	79.4	79.5	79.5	79.6	79.7	79.7
≥ 10000	.1	80.6	81.8	82.4	82.7	82.8	82.8	82.8	82.9	83.0	83.1	83.1	83.2	83.2	83.3	83.4	83.4
≥ 9000	.1	81.9	83.1	83.7	84.0	84.1	84.1	84.1	84.2	84.2	84.3	84.3	84.4	84.4	84.5	84.6	84.7
≥ 8000	.1	84.0	85.2	85.9	86.2	86.3	86.3	86.3	86.4	86.5	86.6	86.6	86.7	86.7	86.8	86.9	86.9
≥ 7000	.1	85.0	86.3	87.1	87.4	87.5	87.5	87.6	87.6	87.7	87.8	87.8	87.9	87.9	88.0	88.1	88.1
≥ 6000	.1	86.4	87.7	88.5	88.8	88.9	88.9	89.0	89.0	89.1	89.2	89.2	89.3	89.3	89.4	89.5	89.5
≥ 5000	.2	88.8	90.1	90.9	91.2	91.3	91.4	91.4	91.5	91.5	91.6	91.6	91.7	91.7	91.8	91.9	91.9
≥ 4500	.2	90.2	91.5	92.3	92.6	92.7	92.7	92.8	92.8	92.9	93.0	93.0	93.1	93.1	93.2	93.3	93.3
≥ 4000	.2	91.3	92.7	93.5	93.9	94.0	94.0	94.0	94.1	94.2	94.3	94.3	94.4	94.4	94.5	94.6	94.6
≥ 3500	.2	92.3	93.7	94.5	94.8	94.9	95.0	95.0	95.1	95.1	95.2	95.2	95.3	95.3	95.4	95.5	95.5
≥ 3000	.2	93.0	94.5	95.4	95.8	95.9	96.0	96.0	96.1	96.1	96.2	96.3	96.4	96.4	96.5	96.6	96.6
≥ 2500	.2	93.6	95.2	96.2	96.6	96.7	96.7	96.8	96.8	96.9	97.0	97.0	97.1	97.2	97.2	97.4	97.4
≥ 2000	.2	94.4	96.1	97.0	97.4	97.6	97.6	97.7	97.8	97.8	97.9	98.0	98.1	98.1	98.2	98.3	98.4
≥ 1800	.2	94.5	96.2	97.2	97.5	97.7	97.7	97.8	97.9	98.0	98.1	98.1	98.2	98.2	98.3	98.4	98.4
≥ 1600	.2	94.7	96.4	97.4	97.8	98.0	98.1	98.2	98.3	98.4	98.5	98.5	98.6	98.6	98.7	98.8	98.8
≥ 1400	.2	94.8	96.5	97.5	97.9	98.1	98.2	98.3	98.4	98.5	98.6	98.6	98.7	98.7	98.8	98.9	98.9
≥ 1200	.2	94.9	96.7	97.7	98.1	98.3	98.4	98.5	98.5	98.6	98.7	98.7	98.8	98.9	99.0	99.1	99.1
≥ 1000	.2	95.0	96.8	97.8	98.2	98.4	98.5	98.6	98.7	98.7	98.8	98.9	99.0	99.0	99.1	99.2	99.2
≥ 900	.2	95.1	96.9	97.9	98.4	98.6	98.7	98.8	98.8	98.9	99.0	99.1	99.2	99.2	99.3	99.4	99.4
≥ 800	.2	95.1	96.9	98.0	98.5	98.6	98.7	98.8	98.9	99.0	99.1	99.1	99.2	99.2	99.3	99.5	99.5
≥ 700	.2	95.2	97.0	98.0	98.5	98.7	98.8	98.9	99.0	99.1	99.2	99.3	99.3	99.4	99.4	99.6	99.7
≥ 600	.2	95.2	97.0	98.1	98.6	98.8	98.9	99.1	99.2	99.3	99.4	99.4	99.5	99.5	99.6	99.7	99.8
≥ 500	.2	95.2	97.1	98.1	98.6	98.8	99.0	99.1	99.2	99.3	99.5	99.5	99.6	99.6	99.7	99.8	99.9
≥ 400	.2	95.2	97.1	98.1	98.6	98.8	99.0	99.1	99.2	99.3	99.5	99.5	99.6	99.7	99.8	100.0	100.0
≥ 300	.2	95.2	97.1	98.1	98.6	98.8	99.0	99.1	99.2	99.3	99.5	99.5	99.6	99.7	99.8	100.0	100.0
≥ 200	.2	95.2	97.1	98.1	98.6	98.8	99.0	99.1	99.2	99.3	99.5	99.5	99.6	99.7	99.8	100.0	100.0
≥ 100	.2	95.2	97.1	98.1	98.6	98.8	99.0	99.1	99.2	99.3	99.5	99.5	99.6	99.7	99.8	100.0	100.0
≥ 0	.2	95.2	97.1	98.1	98.6	98.8	99.0	99.1	99.2	99.3	99.5	99.5	99.6	99.7	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7194

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

10426
STATION

HOMESTEAD AFB FL
STATION NAME

68-70, 73-79
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1000-0200
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY: STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING ≥ 20000		75.2	75.3	76.1	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.8	76.8	77.0
≥ 18000		78.0	78.6	78.9	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.6	79.6	79.8
≥ 16000		78.2	78.3	79.1	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.8	79.8	80.0
≥ 14000		78.5	79.1	79.5	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	80.1	80.1	80.3
≥ 12000		78.7	79.4	79.7	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.3	80.3	80.5
≥ 10000		79.7	80.3	80.6	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.3	81.3	81.5
≥ 9000		82.2	82.8	83.1	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.8	83.8	84.0
≥ 8000		82.2	82.9	83.1	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.8	83.8	84.0
≥ 7000		83.5	84.2	84.5	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	85.2	85.2	85.4
≥ 6000		84.4	85.2	85.5	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	86.1	86.1	86.3
≥ 5000		84.8	85.6	85.9	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.6	86.6	86.8
≥ 4500		87.8	88.6	88.9	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.6	89.6	89.8
≥ 4000		89.1	89.9	90.2	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.9	90.9	91.1
≥ 3500		92.3	93.1	93.4	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	94.1	94.1	94.3
≥ 3000		93.4	94.3	94.6	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.3	95.3	95.5
≥ 2500		94.6	95.5	95.8	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.6	96.6	96.8
≥ 2000		95.6	96.5	96.9	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.5	97.5	97.7
≥ 1800		96.7	97.5	98.1	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.7	98.7	98.9
≥ 1600		96.7	97.5	98.1	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.7	98.7	98.9
≥ 1400		96.8	97.6	98.2	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.8	98.8	99.0
≥ 1200		96.8	97.6	98.2	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.8	98.8	99.0
≥ 1000		97.0	97.8	98.4	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.0	99.0	99.2
≥ 900		97.1	98.1	98.5	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.1	99.1	99.4
≥ 800		97.1	98.1	98.5	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.1	99.1	99.4
≥ 700		97.1	98.1	98.5	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.1	99.1	99.4
≥ 600		97.1	98.1	98.5	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.1	99.1	99.4
≥ 500		97.2	98.3	98.8	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.6	99.6	99.8
≥ 400		97.2	98.3	98.8	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.6	99.6	99.8
≥ 300		97.2	98.3	98.8	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.6	99.6	99.8
≥ 200		97.2	98.3	98.8	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.6	99.6	99.8
≥ 100		97.2	98.3	98.8	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.6	99.6	99.8
≥ 0		97.2	98.3	98.8	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.6	99.6	99.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

10626
STATION

HOMESTEAD AFB FL
STATION NAME

68-70,73-79
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING ≥ 20000		70.2	71.3	71.9	72.5	72.5	72.8	72.8	72.8	73.0	73.0	73.0	73.4	73.4	73.8	74.1
≥ 18000		73.2	74.3	74.9	75.5	75.5	75.8	75.8	75.8	76.0	76.0	76.0	76.5	76.5	76.8	77.1
≥ 16000		73.2	74.3	74.9	75.5	75.5	75.8	75.8	75.8	76.0	76.0	76.0	76.5	76.5	76.8	77.1
≥ 14000		73.4	74.5	75.2	75.7	75.7	76.0	76.0	76.0	76.2	76.2	76.2	76.7	76.7	77.0	77.3
≥ 12000		73.8	74.8	75.5	76.0	76.0	76.3	76.3	76.3	76.6	76.6	76.6	77.0	77.0	77.3	77.6
≥ 10000		74.2	75.3	75.9	76.5	76.5	76.8	76.8	76.8	77.0	77.0	77.0	77.4	77.4	77.7	78.1
≥ 8000		75.6	76.8	77.5	78.1	78.1	78.4	78.4	78.4	78.6	78.6	78.6	79.0	79.0	79.4	79.7
≥ 6000		75.6	76.8	77.5	78.1	78.1	78.4	78.4	78.4	78.6	78.6	78.6	79.0	79.0	79.4	79.7
≥ 4000		77.5	78.7	79.5	80.0	80.0	80.3	80.3	80.3	80.5	80.5	80.5	81.0	81.0	81.3	81.6
≥ 3000		77.5	78.7	79.5	80.0	80.0	80.3	80.3	80.3	80.5	80.5	80.5	81.0	81.0	81.3	81.6
≥ 2000		79.1	80.4	81.2	81.7	81.7	82.0	82.0	82.0	82.3	82.3	82.3	82.7	82.7	83.0	83.3
≥ 1500		81.1	82.4	83.1	83.7	83.7	84.0	84.0	84.0	84.2	84.2	84.2	84.6	84.6	84.9	85.3
≥ 1000		82.6	83.9	84.6	85.2	85.2	85.5	85.5	85.5	85.7	85.7	85.7	86.1	86.1	86.5	86.8
≥ 800		85.7	87.1	88.7	88.5	88.5	88.8	88.8	88.8	89.0	89.0	89.0	89.5	89.5	89.8	90.1
≥ 600		87.1	88.5	89.4	89.9	89.9	90.2	90.2	90.2	90.4	90.4	90.4	90.9	90.9	91.2	91.5
≥ 400		88.7	90.2	91.1	91.6	91.6	91.9	91.9	91.9	92.2	92.2	92.2	92.6	92.6	92.9	93.2
≥ 300		90.3	91.5	92.5	93.1	93.1	93.4	93.4	93.4	93.7	93.7	93.7	94.1	94.1	94.4	94.7
≥ 200		91.3	92.5	93.5	94.5	94.5	94.9	94.9	94.9	95.2	95.2	95.2	95.7	95.7	96.0	96.3
≥ 150		91.5	93.1	94.1	94.7	94.7	95.2	95.2	95.2	95.4	95.4	95.4	95.9	95.9	96.2	96.6
≥ 100		91.8	93.4	94.4	95.1	95.1	95.5	95.5	95.5	95.7	95.8	95.8	96.3	96.3	96.7	97.0
≥ 700		92.2	93.8	94.7	95.4	95.4	95.8	95.8	95.8	96.1	96.1	96.1	96.7	96.7	97.0	97.3
≥ 500		92.2	93.8	94.7	95.4	95.4	95.8	95.8	95.8	96.1	96.2	96.2	96.8	96.8	97.1	97.4
≥ 400		92.4	94.0	94.9	95.6	95.6	96.0	96.1	96.1	96.3	96.5	96.5	97.0	97.0	97.3	97.6
≥ 300		92.4	94.1	95.1	95.7	95.7	96.1	96.3	96.3	96.6	96.7	96.7	97.2	97.2	97.5	97.8
≥ 200		92.4	94.1	95.1	95.7	95.7	96.1	96.3	96.3	96.6	96.7	96.8	97.3	97.3	97.6	98.0
≥ 100		92.5	94.2	95.2	95.8	95.8	96.2	96.5	96.5	96.8	96.9	96.9	97.5	97.5	97.8	98.2
≥ 500		92.6	94.3	95.3	96.1	96.1	96.6	96.8	96.8	97.1	97.3	97.3	98.2	98.2	98.5	98.8
≥ 400		92.6	94.5	95.5	96.3	96.3	96.8	97.0	97.1	97.4	97.6	97.6	98.5	98.5	99.1	99.5
≥ 300		92.6	94.5	95.5	96.3	96.3	96.8	97.0	97.1	97.4	97.6	97.6	98.6	98.6	99.2	99.6
≥ 200		92.6	94.5	95.5	96.3	96.3	96.8	97.0	97.1	97.4	97.6	97.6	98.7	98.7	99.4	99.8
≥ 100		92.6	94.5	95.5	96.3	96.3	96.8	97.0	97.1	97.4	97.6	97.6	98.7	98.7	99.4	99.8
≥ 0		92.6	94.5	95.5	96.3	96.3	96.8	97.0	97.1	97.4	97.6	97.6	98.7	98.7	99.4	C.C

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1726
STATION

HOMESTEAD AFB FL
STATION NAME

68-70, 73-79
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

600-1800
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥⅓	≥⅓	≥⅓	≥⅓
NO CEILING		60.1	63.4	64.8	65.4	65.7	66.3	66.5	66.6	67.1	67.5	67.5	66.3	68.1	69.2	69.5
≥ 20000		64.3	67.7	69.2	69.8	70.1	70.8	70.9	71.0	71.5	72.1	72.0	72.5	72.5	72.7	73.0
≥ 18000		64.4	67.8	69.4	69.9	70.2	70.9	71.0	71.1	71.6	72.2	72.2	72.6	72.6	72.8	73.1
≥ 16000		64.4	67.8	69.4	69.9	70.2	70.9	71.0	71.1	71.6	72.2	72.2	72.6	72.6	72.8	73.1
≥ 14000		65.1	68.4	71.1	71.6	71.9	71.6	71.7	71.8	72.4	72.9	72.9	73.3	73.3	73.5	73.9
≥ 12000		66.0	69.6	71.1	71.6	71.9	72.6	72.7	72.8	73.3	73.9	73.9	74.3	74.3	74.5	74.8
≥ 10000		68.2	71.9	73.5	74.2	74.5	75.2	75.3	75.4	75.9	76.5	76.5	76.9	76.9	77.1	77.4
≥ 9000		68.2	71.9	73.5	74.2	74.5	75.2	75.3	75.4	75.9	76.5	76.5	76.9	76.9	77.1	77.4
≥ 8000		69.8	73.7	75.3	75.9	76.2	76.9	77.0	77.1	77.7	78.3	78.3	78.7	78.7	78.9	79.2
≥ 7000		70.2	74.3	76.0	76.7	77.0	77.6	77.7	77.8	78.5	79.0	79.0	79.5	79.5	79.7	80.0
≥ 6000		71.2	75.5	77.2	77.8	78.2	78.8	78.9	79.0	79.7	80.2	80.2	80.6	80.6	80.9	81.2
≥ 5000		72.9	77.2	78.9	79.8	80.1	80.8	80.9	81.0	81.6	82.2	82.2	82.6	82.6	82.8	83.1
≥ 4500		73.9	78.2	79.9	80.8	81.1	81.7	81.8	81.9	82.6	83.1	83.1	83.5	83.5	83.8	84.1
≥ 4000		77.4	81.7	83.5	84.5	84.8	85.5	85.6	85.7	86.3	86.9	86.9	87.3	87.3	87.5	87.8
≥ 3500		77.2	83.7	85.5	86.5	86.8	87.4	87.5	87.6	88.3	88.8	88.8	89.2	89.2	89.5	89.8
≥ 3000		82.7	87.0	89.1	90.0	90.3	91.0	91.1	91.2	91.8	92.4	92.4	92.8	92.8	93.0	93.3
≥ 2500		94.2	88.6	90.5	91.5	91.8	92.5	92.6	92.7	93.3	93.9	93.9	94.3	94.3	94.5	94.8
≥ 2000		94.9	89.5	91.4	92.4	92.7	93.3	93.4	93.5	94.2	94.7	94.7	95.2	95.3	95.6	95.9
≥ 1800		85.2	89.7	91.6	92.6	92.9	93.5	93.7	93.8	94.4	94.9	94.9	95.4	95.5	95.8	96.1
≥ 1500		85.2	89.7	91.6	92.6	92.9	93.5	93.8	93.9	94.5	95.1	95.1	95.5	95.6	95.9	96.2
≥ 1200		85.5	90.0	91.9	92.9	93.2	93.9	94.1	94.2	94.8	95.4	95.4	95.8	95.9	96.2	96.6
≥ 1000		85.5	90.0	91.9	92.9	93.2	93.9	94.1	94.2	94.8	95.4	95.4	95.8	95.9	96.2	96.6
≥ 900		85.8	90.3	92.3	93.2	93.5	94.2	94.4	94.5	95.2	95.7	95.7	96.1	96.2	96.6	96.9
≥ 800		85.8	90.3	92.3	93.2	93.5	94.2	94.4	94.5	95.2	95.7	95.7	96.1	96.2	96.6	96.9
≥ 700		85.9	90.5	92.5	93.4	93.8	94.4	94.6	94.7	95.5	96.0	96.0	96.5	96.6	96.9	97.2
≥ 600		85.9	90.5	92.5	93.4	93.8	94.4	94.7	94.8	95.7	96.2	96.2	96.8	96.9	97.2	97.5
≥ 500		85.9	90.5	92.5	93.5	93.9	94.7	95.1	95.3	96.1	96.7	96.7	97.2	97.3	97.6	98.0
≥ 400		86.0	90.8	92.7	93.6	94.2	95.2	95.5	95.7	96.7	97.3	97.3	98.0	98.1	98.4	99.0
≥ 300		86.1	90.9	92.8	93.9	94.3	95.3	95.6	95.8	96.8	97.4	97.5	98.2	98.4	98.7	99.5
≥ 200		86.1	90.9	92.8	93.9	94.3	95.3	95.7	95.9	97.0	97.6	97.7	98.7	98.9	99.2	100.0
≥ 100		86.1	90.9	92.8	93.9	94.3	95.3	95.7	95.9	97.0	97.6	97.7	98.7	98.9	99.2	100.0
≥ 0		86.1	90.9	92.8	93.9	94.3	95.3	95.7	95.9	97.0	97.6	97.7	98.7	98.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17826
STATION

HOMESTEAD AFB FL
STATION NAME

66-70, 73-79
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100
HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING		67.1	69.2	69.0	69.0	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 20000		73.0	74.1	74.9	74.9	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 18000		73.1	74.2	75.1	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 16000		73.2	74.3	75.2	75.2	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 14000		73.8	74.8	75.7	75.7	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 12000		74.5	75.6	76.5	76.5	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 10000		78.2	79.2	80.1	80.1	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 9000		78.5	79.6	80.4	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 8000		80.6	81.8	82.7	82.7	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 7000		82.3	83.8	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 6000		83.8	85.5	86.3	86.5	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 5000		85.7	87.4	88.4	88.5	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 4500		87.1	88.9	90.0	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 4000		89.4	91.3	92.4	92.5	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 3500		90.9	92.8	93.9	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 3000		92.4	94.3	95.4	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2500		93.3	95.3	96.3	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 2000		94.2	96.1	97.2	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1800		94.3	96.2	97.3	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1500		94.4	96.3	97.5	97.6	97.6	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1200		94.8	96.8	98.1	98.3	98.3	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1000		94.9	96.9	98.2	98.4	98.4	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900		94.9	96.9	98.3	98.6	98.6	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 800		94.9	96.9	98.3	98.6	98.6	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700		94.9	96.9	98.3	98.6	98.6	98.9	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600		94.9	96.9	98.3	98.7	98.8	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500		94.9	96.9	98.4	98.8	98.9	99.4	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400		94.9	96.9	98.4	98.8	98.9	99.4	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300		94.9	96.9	98.4	98.8	98.9	99.4	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200		94.9	96.9	98.4	98.8	98.9	99.4	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100		94.9	96.9	98.4	98.8	98.9	99.4	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0		94.9	96.9	98.4	98.8	98.9	99.4	99.5	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

12526
STATION

HONESTEAD AFB FL
STATION NAME

68-70,73-79
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥4	≥0
NO CEILING ≥ 20000		68.9	69.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 18000		75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 16000		75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 14000		75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 12000		76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 10000		78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 9000		80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 8000		81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 7000		86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 6000		86.9	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 5000		87.4	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 4500		88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 4000		89.9	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 3500		91.6	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 3000		92.9	93.3	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 2500		95.1	95.6	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 2000		95.9	96.5	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1800		97.2	97.7	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1500		97.7	98.3	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200		98.1	98.6	98.8	98.8	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
≥ 1000		98.2	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900		98.3	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800		98.3	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700		98.3	99.0	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 600		98.3	99.0	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500		98.3	99.0	99.2	99.2	99.2	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400		98.4	99.1	99.4	99.4	99.4	99.6	99.6	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0
≥ 300		98.4	99.1	99.4	99.4	99.4	99.6	99.6	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0
≥ 200		98.4	99.1	99.4	99.4	99.4	99.6	99.6	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0
≥ 100		98.4	99.1	99.4	99.4	99.4	99.6	99.6	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0
≥ 0		98.4	99.1	99.4	99.4	99.4	99.6	99.6	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

10326
STATION

HOMESTEAD AFB FL
STATION NAME

68-70, 73-79
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1570-1700
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	≥¼
NO CEILING	.1	66.3	66.5	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 20000	.1	75.6	75.7	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 18000	.1	75.6	75.7	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 16000	.1	75.6	75.7	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 14000	.1	76.5	76.6	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 12000	.1	79.1	79.2	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 10000	.1	82.0	82.2	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 9000	.1	82.7	82.8	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 8000	.1	84.9	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 7000	.1	85.8	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 6000	.1	87.0	87.2	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 5000	.1	89.5	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 4500	.1	90.4	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1
≥ 4000	.1	92.5	92.9	93.1	93.2	93.2	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4
≥ 3500	.1	93.2	93.7	93.9	94.0	94.0	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2
≥ 3000	.1	95.2	95.7	95.9	96.0	96.0	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2
≥ 2500	.1	97.2	97.8	98.1	98.2	98.2	98.3	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5
≥ 2000	.1	97.8	98.5	98.7	98.8	98.8	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1800	.1	97.8	98.5	98.7	98.8	98.8	98.9	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.2
≥ 1500	.1	97.8	98.5	98.7	98.8	98.8	98.9	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.2
≥ 1200	.1	98.0	98.6	98.8	98.9	98.9	99.0	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4
≥ 1000	.1	98.0	98.7	98.9	99.0	99.0	99.1	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	.1	98.0	99.0	99.2	99.4	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	.1	98.0	99.0	99.2	99.4	99.4	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	.1	98.1	99.1	99.5	99.6	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	.1	98.1	99.1	99.5	99.6	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	.1	98.1	99.1	99.5	99.6	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	.1	98.1	99.1	99.5	99.6	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	.1	98.1	99.1	99.5	99.6	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	.1	98.1	99.1	99.5	99.6	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	.1	98.1	99.1	99.5	99.6	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	.1	98.1	99.1	99.5	99.6	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

17226
STATION

HOMESTEAD AFB FL
STATION NAME

68-70,73-79
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥¼	≥0
NO CEILING		68.9	68.9	68.9	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 20000		75.3	75.3	75.3	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 18000		75.4	75.4	75.4	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 16000		75.4	75.4	75.4	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 14000		76.0	76.0	76.0	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 12000		77.2	77.2	77.2	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 10000		80.5	80.5	80.5	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 9500		81.0	81.0	81.0	81.1	81.1	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 8000		83.3	83.4	83.4	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 7000		84.1	84.2	84.2	84.3	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 6000		84.8	84.9	84.9	85.0	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 5000		88.3	88.4	88.4	88.5	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 4500		88.7	88.8	89.0	89.1	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 4000		91.4	91.5	91.7	91.8	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 3500		92.9	93.1	93.2	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 3000		95.0	95.2	95.4	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 2500		95.8	96.0	96.4	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 2000		97.3	97.5	98.0	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1800		97.8	98.1	98.5	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1500		98.0	98.2	98.6	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1200		98.2	98.5	98.9	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000		98.2	98.5	98.9	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900		98.3	98.6	99.0	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800		98.4	98.7	99.1	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 700		98.4	98.7	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600		98.4	98.7	99.2	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500		98.4	98.7	99.2	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400		98.5	98.8	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		98.5	98.8	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		98.5	98.8	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		98.5	98.8	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		98.5	98.8	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 928

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

13826
STATION

HOMESTEAD AFB FL
STATION NAME

68-70, 73-79
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	74.3	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 18000 ≥ 6000	78.2	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 14000 ≥ 12000	79.0	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 10000 ≥ 9500	83.3	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 8000 ≥ 7500	85.1	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 6000 ≥ 5000	86.6	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 4500 ≥ 4000	90.4	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 3500 ≥ 3000	93.2	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 2500 ≥ 2000	94.8	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1800 ≥ 1500	97.7	98.6	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1200 ≥ 1000	98.1	99.2	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900 ≥ 800	98.2	99.4	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700 ≥ 600	98.3	99.5	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500 ≥ 400	98.3	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300 ≥ 200	98.3	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100 ≥ 0	98.3	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 927

USAF ETAC FORM 0-14-3 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1.626
STATION

HOMESTEAD AFB FL
STATION NAME

58-70,73-79
YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥¼
NO CEILING	68.8	69.7	70.1	70.3	70.3	70.5	70.5	70.5	70.6	70.7	70.7	70.8	70.8	70.9	71.0	71.0
≥ 20000	74.1	74.9	75.4	75.6	75.6	75.8	75.8	75.8	75.9	76.0	76.0	76.1	76.1	76.2	76.3	76.3
≥ 18000	74.2	75.0	75.5	75.7	75.7	75.9	75.9	75.9	76.0	76.1	76.1	76.2	76.2	76.3	76.4	76.4
≥ 16000	74.3	75.1	75.6	75.8	75.8	76.0	76.0	76.0	76.1	76.2	76.2	76.3	76.3	76.4	76.5	76.5
≥ 14000	74.9	75.7	76.2	76.3	76.4	76.6	76.6	76.6	76.7	76.7	76.7	76.9	76.9	77.0	77.1	77.1
≥ 12000	76.0	76.9	77.4	77.6	77.6	77.8	77.8	77.8	77.9	78.0	78.0	78.1	78.1	78.2	78.3	78.3
≥ 10000	79.8	79.7	80.2	80.4	80.4	80.6	80.6	80.7	80.8	80.8	80.8	80.8	81.0	81.0	81.1	81.1
≥ 9000	79.2	80.1	80.5	80.7	80.8	81.0	81.0	81.1	81.1	81.2	81.2	81.3	81.3	81.4	81.5	81.5
≥ 8000	81.4	82.3	82.8	83.0	83.0	83.2	83.2	83.2	83.3	83.4	83.4	83.6	83.6	83.6	83.7	83.7
≥ 7000	82.2	83.3	83.7	83.9	84.0	84.2	84.2	84.2	84.3	84.4	84.4	84.5	84.5	84.6	84.7	84.7
≥ 6000	83.1	84.2	84.7	84.9	85.0	85.2	85.2	85.2	85.3	85.4	85.4	85.5	85.5	85.6	85.7	85.7
≥ 5000	85.4	86.6	87.1	87.3	87.3	87.5	87.5	87.6	87.7	87.7	87.7	87.9	87.9	88.0	88.1	88.1
≥ 4500	86.5	87.7	88.2	88.4	88.5	88.7	88.7	88.7	88.8	88.9	88.9	89.0	89.0	89.1	89.2	89.2
≥ 4000	89.7	90.3	90.9	91.1	91.2	91.4	91.4	91.4	91.5	91.6	91.6	91.8	91.8	91.8	91.9	91.9
≥ 3500	90.4	91.6	92.2	92.5	92.5	92.7	92.7	92.7	92.9	92.9	92.9	93.1	93.1	93.2	93.2	93.2
≥ 3000	92.3	93.6	94.2	94.5	94.5	94.7	94.7	94.8	94.9	94.9	94.9	95.1	95.1	95.2	95.3	95.3
≥ 2500	93.5	94.9	95.6	95.8	95.9	96.1	96.1	96.1	96.2	96.3	96.3	96.5	96.5	96.6	96.6	96.6
≥ 2000	94.6	96.0	96.7	97.0	97.0	97.3	97.3	97.3	97.4	97.5	97.5	97.7	97.7	97.8	97.9	97.9
≥ 1800	94.8	96.2	96.9	97.1	97.2	97.4	97.5	97.5	97.6	97.7	97.7	97.9	97.9	98.0	98.0	98.0
≥ 1500	95.0	96.4	97.1	97.4	97.4	97.6	97.7	97.7	97.8	97.9	97.9	98.1	98.1	98.2	98.3	98.3
≥ 1200	95.1	96.6	97.3	97.6	97.6	97.8	97.9	97.9	98.0	98.1	98.1	98.3	98.3	98.4	98.5	98.5
≥ 1000	95.2	96.7	97.4	97.7	97.7	98.0	98.0	98.0	98.2	98.3	98.3	98.4	98.5	98.6	98.6	98.6
≥ 900	95.3	96.9	97.6	97.9	97.9	98.2	98.2	98.2	98.4	98.5	98.5	98.6	98.6	98.7	98.8	98.8
≥ 800	95.4	96.9	97.6	97.9	98.0	98.2	98.3	98.3	98.4	98.5	98.5	98.7	98.7	98.8	98.9	98.9
≥ 700	95.4	97.0	97.7	98.0	98.1	98.3	98.4	98.4	98.6	98.7	98.7	98.9	98.9	99.0	99.1	99.1
≥ 600	95.4	97.0	97.8	98.1	98.1	98.4	98.5	98.5	98.7	98.8	98.8	99.0	99.0	99.1	99.2	99.2
≥ 500	95.5	97.1	97.8	98.2	98.3	98.6	98.7	98.7	98.9	99.0	99.0	99.2	99.2	99.4	99.4	99.4
≥ 400	95.5	97.1	97.9	98.3	98.4	98.7	98.8	98.9	99.1	99.2	99.2	99.5	99.5	99.6	99.8	99.8
≥ 300	95.5	97.2	97.9	98.3	98.4	98.7	98.8	98.9	99.1	99.3	99.3	99.5	99.6	99.7	99.9	99.9
≥ 200	95.5	97.2	97.9	98.3	98.4	98.7	98.9	98.9	99.2	99.3	99.3	99.6	99.7	99.8	100.0	100.0
≥ 100	95.5	97.2	97.9	98.3	98.4	98.7	98.9	98.9	99.2	99.3	99.3	99.6	99.7	99.8	100.0	100.0
≥ 0	95.5	97.2	97.9	98.3	98.4	98.7	98.9	98.9	99.2	99.3	99.3	99.6	99.7	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7435

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AFW WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

1926
STATION

HOMESTEAD AFB FL
STATION NAME

65-70, 73-80
YEARS

ALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	66.5	67.2	67.4	67.5	67.5	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.8	67.8
≥ 20000	77.6	78.3	78.5	78.7	78.7	79.7	78.8	78.6	78.8	78.8	78.8	78.9	78.9	78.9	78.9	79.0
≥ 18000	77.8	78.5	78.8	78.9	79.0	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.2	79.2	79.2
≥ 16000	78.1	78.8	79.1	79.1	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.4	79.4	79.4	79.4
≥ 14000	79.8	79.5	79.8	79.9	79.9	80.0	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.2	80.2
≥ 12000	80.7	81.5	81.7	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.1	82.1	82.1	82.2
≥ 10000	84.8	85.6	85.9	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.4
≥ 9000	85.4	86.2	86.5	86.6	86.6	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.9	86.9	86.9	86.9
≥ 8000	87.3	88.2	88.4	88.6	88.6	88.7	88.7	88.7	88.7	88.8	88.8	88.8	88.9	88.9	88.9	88.9
≥ 7000	88.2	89.1	89.4	89.6	89.6	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.9	89.9
≥ 6000	88.9	89.8	90.2	90.3	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.7
≥ 5000	90.3	91.2	91.6	91.8	91.8	91.9	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.1	92.1
≥ 4500	91.0	92.0	92.4	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.9	92.9
≥ 4000	92.2	93.2	93.6	93.8	93.9	93.9	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.2
≥ 3500	92.8	93.8	94.2	94.5	94.5	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.8	94.8	94.8	94.8
≥ 3000	93.7	94.8	95.3	95.5	95.6	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.9	95.9
≥ 2500	94.5	95.8	96.2	96.5	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.9	96.9	96.9	97.0
≥ 2000	95.5	96.9	97.4	97.7	97.8	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.3
≥ 1800	95.7	97.1	97.6	97.9	98.0	98.1	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.5
≥ 1500	96.0	97.4	97.9	98.3	98.4	98.5	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.9	98.9	98.9
≥ 1200	96.1	97.5	98.1	98.5	98.6	98.7	98.8	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1
≥ 1000	96.2	97.6	98.2	98.6	98.7	98.9	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.3	99.3
≥ 900	96.3	97.7	98.3	98.7	98.8	98.9	99.0	99.1	99.1	99.1	99.2	99.2	99.3	99.3	99.3	99.4
≥ 800	96.3	97.7	98.3	98.7	98.8	99.0	99.1	99.1	99.2	99.2	99.3	99.3	99.3	99.3	99.4	99.4
≥ 700	96.3	97.8	98.4	98.8	98.9	99.1	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5
≥ 600	96.4	97.8	98.5	98.9	99.0	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.6
≥ 500	96.4	97.9	98.5	98.9	99.0	99.2	99.3	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.7
≥ 400	96.4	97.9	98.6	99.0	99.1	99.3	99.4	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.8	99.8
≥ 300	96.4	97.9	98.6	99.0	99.1	99.3	99.5	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.9	99.9
≥ 200	96.4	97.9	98.6	99.0	99.1	99.3	99.5	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.9	99.9
≥ 100	96.4	97.9	98.6	99.0	99.1	99.3	99.5	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.9	100.0
≥ 0	96.4	97.9	98.6	99.0	99.1	99.3	99.5	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 87637

TOTAL SKY COVER

FOR AIRWAYS STATIONS THE SYMBOLS OF CLEAR, SCATTERED,
BROKEN, OVERCAST, & OBSCURED WERE USED AS INPUT FOR THE
TOTAL SKY COVER

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

SKY COVER

349
4/15/67

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JAN.	1-22	27.8			45.0						17.6	9.6	3.9	927
	2-25	26.3			47.7						19.3	13.7	4.3	923
	3-18	12.3			45.5						29.2	13.0	5.3	925
	4-11	7.4			45.5						33.5	13.5	5.7	937
	5-14	5.0			45.5						35.3	14.7	6.0	929
	6-17	3.2			49.1						31.6	16.0	5.9	930
	7-21	15.5			44.5						26.9	13.1	5.1	930
	8-23	27.1			43.4						19.9	9.6	4.1	937
TOTALS		15.6			44.8						26.7	12.9	5.1	7423

SKY COVER

64-71, 73-75

155

STATION

STATION NAME

PERIOD

4/2/81

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
FEB	6-22	31.9			32.6						17.7	17.7	4.3	846
	13-25	23.6			34.8						18.6	18.5	4.5	844
	6-28	15.1			45.3						20.7	13.0	5.0	841
	19-11	11.8			43.5						27.9	17.3	5.5	846
	12-14	5.6			45.4						31.2	16.7	5.8	845
	10-17	5.0			50.3						26.2	17.5	5.6	845
	18-21	14.7			47.2						21.4	16.8	5.0	846
	1-23	30.0			35.6						18.7	15.7	4.3	846
TOTALS		13.2			41.8						22.8	17.2	5.2	6755

FORM
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

69-70, 73-55

45

STATION

STATION NAME

REPORT

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
MAR	1-32	25.0			45.6						15.8	12.6	4.1	923
	03-05	23.2			43.2						15.7	12.9	4.1	917
	06-08	6.3			53.5						26.9	12.8	5.3	925
	09-11	5.2			45.9						29.0	16.9	5.8	928
	12-14	3.9			42.6						31.7	15.8	5.9	930
	15-17	4.4			47.8						30.9	16.9	5.9	933
	18-20	11.3			49.9						25.3	13.5	5.1	930
	21-23	29.4			44.7						15.8	10.1	3.8	930
TOTALS		13.7			48.5						23.9	13.9	5.0	7413

FORM 0-9-5 (OL A)
JUL 64

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

APR
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
APR	00-02	22.3			51.0						19.9	6.8	4.0	896
	03-05	19.0			56.7						17.9	6.5	4.0	896
	06-08	4.2			59.6						25.5	10.7	5.2	895
	09-11	3.6			59.7						24.9	11.8	5.2	898
	12-14	2.6			56.6						29.8	11.1	5.5	900
	15-17	4.0			52.2						30.4	13.3	5.6	905
	18-20	3.7			49.2						29.7	12.4	5.4	900
	21-23	22.4			51.2						18.4	7.9	4.0	900
TOTALS		10.9			54.5						24.6	13.1	4.9	7185

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

42Y
MON

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
MAY	00-02	13.6			53.3						19.4	13.8	4.7	929
	03-05	12.0			56.3						20.2	11.6	4.7	928
	06-08	3.7			49.9						32.0	15.0	5.9	927
	09-11	.9			48.5						37.4	13.3	6.1	926
	12-14	.6			45.9						32.6	14.9	6.3	929
	15-17	1.0			39.9						41.2	19.0	6.7	930
	18-20	2.7			39.7						36.1	19.6	6.6	932
	21-23	1.7			50.1						25.8	13.2	5.1	930
TOTALS		8.6			46.0						31.6	14.9	5.8	7429

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

1526
STATION

HOMESTEAD AFB FL

69-7, 77-2

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JUN	0-02	9.2			57.0						19.7	12.1	4.8	900
	03-05	8.8			56.6						21.6	11.1	4.8	900
	06-08	2.7			52.4						32.5	12.4	5.7	898
	09-11	.7			45.7						40.0	13.6	6.3	897
	12-14	.1			37.3						46.2	16.3	6.9	900
	15-17	.2			37.7						50.6	18.5	7.3	899
	18-20	.9			28.2						51.6	19.3	7.4	900
	21-23	5.0			52.6						27.6	14.9	5.5	900
TOTALS		3.5			45.6						36.2	14.8	6.1	7194

USAFETAC

FORM
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
LAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

12-20
STATION

HOMESTEAD AFB FL

STATION NAME

69-7J, 73-80

PERIOD

JUL
MONTH

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JUL	00-02	9.0			50.1						27.7	7.1	4.9	933
	03-05	7.5			61.2						25.9	5.4	4.7	933
	06-08	1.0			45.6						43.6	9.8	6.3	927
	09-11				38.0						48.3	13.8	6.9	930
	12-14				31.5						51.2	17.3	7.3	930
	15-17				29.6						50.4	20.0	7.4	930
	18-20	.4			28.3						52.0	19.2	7.5	930
	21-23	4.9			47.6						33.3	14.1	5.8	930
TOTALS		2.9			42.2						41.6	13.3	6.4	7437

SKY COVER

12326
STATION

HOMESTEAD AFB FL

69-70, 73-80

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
AUG	06-02	6.4			61.7						24.3	7.6	4.8	929
	03-05	6.5			65.3						21.8	6.5	4.6	930
	06-08	.1			51.1						40.6	8.2	6.0	930
	09-11				44.0						47.7	8.3	6.4	929
	12-14				36.3						52.0	11.7	6.9	929
	15-17				32.6						54.2	13.2	7.2	926
	18-20	.1			36.0						48.7	15.2	7.1	930
	21-23	1.9			53.9						33.2	11.0	5.7	930
TOTALS		1.9			47.6						40.3	10.2	6.1	7433

USAFETAC

FORM 0-9-5 (OL A)
JUL 64

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

12526
STATION

HOMESTEAD AFB FL

69-70, 73-82

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
SEP	00-02	2.8			55.4						29.3	12.4	5.5	900
	03-05	5.2			67.0						25.1	9.7	5.0	899
	06-08	.1			52.1						39.2	8.6	5.9	900
	09-11	.1			45.2						45.6	9.1	5.4	900
	12-14				37.8						48.9	13.3	6.9	900
	15-17	.2			28.3						57.0	14.4	7.4	900
	18-20	.3			32.8						46.8	20.0	7.2	899
	21-23	1.7			50.7						32.0	15.6	6.7	899
TOTALS		1.3			45.3						40.5	12.9	6.3	7197

SKY COVER

17520
STATION

HOMESTEAD AFB FL

STATION NAME

69-70, 73-80

PERIOD

OCT
MON

MONT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
OCT	00-02	17.1			51.3						20.1	11.5	4.5	933
	03-05	17.7			50.1						19.7	12.6	4.5	929
	06-08	3.1			54.3						30.4	12.2	5.6	930
	09-11	3.0			53.7						31.2	12.2	5.6	930
	12-14	1.1			52.5						32.8	13.7	5.9	937
	15-17	1.3			45.4						39.4	14.1	6.3	930
	18-20	6.0			45.1						33.8	15.2	5.7	930
	21-23	11.8			52.0						26.9	9.2	4.9	930
TOTALS		7.6			50.6						29.3	12.6	5.4	7433

USAFETAC

FORM 0-9-5 (OL A)
JUL 64

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

1700
STATION

HOMESTEAD AFB FL
STATION NAME

69-72, 73-80

PERIOD

NOV
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
NOV	20-22	25.8			45.1						16.3	10.6	4.1	896
	3-05	26.2			45.7						17.2	10.9	4.0	893
	6-08	7.0			50.8						28.7	10.5	5.2	897
	9-11	6.7			51.0						32.8	9.6	5.4	900
	12-14	3.6			52.6						31.8	12.1	5.6	900
	15-17	4.2			51.7						31.0	13.1	5.7	900
	18-20	10.7			49.8						26.0	13.5	5.2	897
	21-23	20.4			44.7						20.2	14.7	4.6	897
TOTALS		13.1			49.3						25.8	11.9	5.0	7180

USAFETAC

FORM 0-9-5 (OL A)
JUL 64

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

12

OEC

088-50

MONI

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PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

1
2
CENTRAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

10026 HOMESTEAD AFB FL

66-70, 77-80

ALL MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	15.6			44.8						26.7	12.9	5.0	7424
FEB		15.2			41.8						22.8	17.2	5.0	6759
MAR		13.7			40.5						23.9	13.9	5.0	7413
APR		10.9			54.5						24.6	10.1	4.9	7185
MAY		5.6			49.0						31.6	14.9	5.8	7429
JUN		3.5			45.6						36.2	14.8	6.1	7194
JUL		2.9			42.2						41.6	13.3	6.4	7437
AUG		1.9			47.6						40.3	10.2	5.1	7433
SEP		1.3			45.3						40.5	12.9	6.3	7197
OCT		7.6			50.6						29.3	12.6	5.4	7439
NOV		13.1			49.3						25.8	11.9	5.0	7183
DEC		20.1			43.9						25.2	10.8	4.7	7429
TOTALS		9.5			46.8						30.7	13.0	5.5	87519

USAFETAC

FORM
JUL 64 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperatures
 - b. Daily minimum temperatures
 - c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:
 - a. Extreme maximum temperature
 - b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

{ Values for means and standard deviations do not include measurements for incomplete months.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σ_x). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

1501

WEATHER SERVICE/MAC

1 - 26 HOMESTEAD AFB FL
STATION STATION NAME

43-45, 56-80

YEARS

DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAY 1944

TEMP. °F.	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG.	SEP.	OCT.	NOV	DEC	ANNUAL
95			.1	1.7	2.6	11.4	14.8	20.9	11.7	1.2			.4
97		2.2	6.8	18.2	39.4	72.4	93.0	95.3	86.1	40.7	4.9	.5	5.6
98	19.6	26.7	42.0	63.6	91.8	98.3	99.8	100.0	99.6	89.7	55.3	23.4	39.7
99	58.8	69.5	77.9	96.7	99.9	100.0	100.0		100.0	99.0	86.9	64.3	68.6
100	81.5	81.5	94.5	100.0	100.0					99.9	95.8	86.1	87.4
101	92.3	94.1	99.0							100.0	99.0	95.9	95.2
102	97.3	97.7	99.7								99.9	99.1	98.4
103	99.2	99.9	100.0								100.0	99.7	99.5
104	100.0	100.0										100.0	99.9
105													100.0
106													100.0
107													100.0
108													100.0
109													100.0
110													100.0
111													100.0
112													100.0
113													100.0
114													100.0
115													100.0
116													100.0
117													100.0
118													100.0
119													100.0
120													100.0
MEAN	74.4	75.0	78.0	91.0	93.5	86.1	87.5	87.9	86.8	83.5	79.0	75.4	81.5
S D	6.221	6.144	4.948	3.801	3.015	2.893	2.155	2.091	2.403	3.183	4.382	5.317	6.324
TOTAL OBS	775	735	796	780	837	826	837	868	823	806	780	775	9634

USAFETAC FORM 0-21-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DAILY TEMPERATURES

43-45, 56-80 YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

	JAN	FEB	MAR	APR	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
TEMP °F.													
95					81	72.4	60.0	10.3	4.3	.1			2.0
90		.1	1.4	6.9	25.3	65.6	91.9	94.6	86.0	36.6	3.6	.3	35.7
75	9.3	15.0	31.9	57.6	87.3	99.8	99.9	100.0	100.0	84.4	46.8	18.5	63.9
70	47.0	43.5	68.7	90.3	99.0	100.0	100.0			97.1	78.3	51.7	82.1
65	68.1	69.0	95.6	98.3	100.0					99.8	92.1	71.9	90.7
60	85.4	86.0	95.6	99.9						100.0	97.1	88.5	96.2
55	93.5	96.1	99.5	100.0							99.7	96.9	98.9
50	97.8	99.2	99.9								100.0	99.4	99.7
45	99.6	100.0	100.0									99.9	100.0
40	100.0											100.0	100.0
MEAN	67.1	67.3	71.1	74.6	77.6	80.5	82.0	82.3	81.5	77.9	72.8	68.4	75.3
S D	6.960	6.755	5.599	3.797	2.731	2.207	1.806	1.781	1.926	3.496	5.283	6.633	7.137
TOTAL OBS	775	735	796	780	837	825	837	868	823	806	780	775	963

USAFETAC FORM 0-2 -5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

123456789 123456789 123456789 123456789 123456789 123456789 123456789 123456789 123456789 123456789

1

FEDERAL CLIMATOLOGY BRANCH
U.S. AIR FORCE
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

12 25 STATION HOMESTEAD, AFB FL

43-45, 56-8

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
43		88	83	89	90	91	92	92	92	89	85	83	
44		84*	88	92	88	98	94	92	94				
45					95	93		92*	91				
56						90	91	95	91	88	85	84	
57	84	84	86	88	87	93	91	91	92	88	87	9	93
58	72	87	86	89	88	93	91	94	92	92	86	83	94
59	84	86	88	91	89	91	91	92	89	89	86	82	92
60	84	85	86	87	88	90	91	91	91	89	86	81	91
61	81	84	87	90	90	92	90	92	91	89	85	86	92
62	82	85	87	87	87	90	91	91	90	88	82	79	91
63	81	81	87	89	86	91	93	91	90	85	83	83	92
64	82	84	87	85	88	89	90	91	92	88	83	82	91
65	83	83	88	88	91	89	89	89*	91	89	83	82	91
66	81	81	83	86	88	89	92	92	92	87	83	81	92
67	83	82	85	86	90	88	89	89	93	86	85	84	93
68	81	82	85	87	87	91	89	93	93	88	83	84	93
69	73	83	83	88	87	92	93	91	90	89	86	82	93
70	82	80	88	87	86	92	90	95	90	90	86	84	95
71	84	85	86	92	91	89	89	89	89	87	83	82	92
72	83	83	86	87	89	92	88	89	90	89	87	83	92
73	84	83	85	87	91	88	89	89	92	87	86	81	92
74	81	84	87	85	91	88	91	88	89	85	82	81	91
75	81	85	86	90	87	90	90	90	92	89	84	80	92
76	81	81	88	86	89	97	94	91	89	83	86	84	94
77	83	84	87	86	89	91	89	91	90	92	84	85	92
78	83	82	88	89	90	90	90	89	91	90	85	83	91
79	84	82	88	88	88	88	90	89	89	87	85	81	90
80	84	83	87	88	94	92	90	94	92	91	86		
MEAN	82.0	82.5	83.0	86.1	87.1	88.5	90.9	91.1	90.9	88.4	84.8	82.3	82.3
S.D.	1.669	1.764	2.207	1.717	2.259	2.276	1.875	1.923	1.460	1.774	1.592	1.610	1.192
TOTAL OBS.	772	735	770	780	837	828	837	868	823	886	780	775	7635

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0885 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
 USAFETAC
 AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

1. 1943-45, 56-8. STATION NAME: HOMESTEAD AFB FL YEARS: 43-45, 56-8.

WHOLE DEGREES FAHRENHEIT

MONTH	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
43		37	43	54	57	70	70	70	71	53	53	4	
44	40	50*	48	45	63	70	70	71	70				
45					65	67		70	70				
56						70	72	71	70	55	43	42	
57	48	31	47	54	68	69	73	72	73	53	57	36	36
58	42	38	40	56	59	72	72	72	71	57	61	40	36
59	41	59	46	55	63	70	71	70	70	63	43	48	41
60	38	43	45	55	56	69	72	71	70	7	58	39	38
61	39	48	48	50	63	68	74	73	71	55	54	39	39
62	40	50	41	55	61	69	72	73	72	63	46	36	36
63	42	49	53	53	59	69	74	72	72	61	46	42	42
64	34	44	52	54	63	70	73	73	73	60	61	51	34
65	30	42	48	60	65	67	70	72*	72	62	57	47	36
66	35	41	48	57	66	71	73	72	72	64	48	42	35
67	44	39	56	63	65	69	73	72	72	66	59	40	39
68	41	42	39	57	66	71	73	74	75	57	47	37	37
69	33	46	48	67	69	73	70	72	72	70	50	44	44
70	35	43	40	63	62	70	74	74	74	67	40	43	35
71	20	42	45	45	62	69	73	72	73	63	59	63	36
72	50	43	58	57	67	72	70	72	72	67	54	47	43
73	40	40	52	52	63	67	68	68	71	59	56	40	40
74	63	42	53	51	61	70	71	73	72	66	53	48	42
75	40	53	50	73	66	70	70	73	73	63	47	43	43
76	41	47	57	60	68	72	73	72	71	60	55	46	41
77	22	45	54	59	64	71	73	74	74	60	53	43	28
78	44	40	49	59	63	70	74	74	72	67	59	58	40
79	44	41	49	64	64	71	72	73	72	68	52	52	41
80	44	42	39	59	63	72	72	71	64	59	51		
MEAN	42.0	44.5	40.4	56.5	63.0	69.9	71.9	72.0	71.3	62.4	52.4	44.3	58.5
S.D.	7.541	5.132	5.219	5.413	3.563	1.591	1.591	1.414	1.966	4.941	5.020	6.461	3.789
TOTAL OBS.	775	735	776	730	837	826	837	868	823	806	786	775	7638

NOTES: * BASED ON LESS THAN FULL MONTHS

USAF ETAC FORM 0-88-5 (OLA)

1 (AT LEAST ONE DAY LESS THAN 24 OBS)

25

YEARS

JAL

STATION NAME

0300-0500

HOURS (L. S. - T.)

USAFETAC FORM 64
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17826 HOMESTEAD AFB FL

69-70, 73-80

YEARS

JAN
MONTH

PAGE 1 0600-0800
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	Dry Bulb	Wet Bulb	Dew Point	
70/ 77				.1														1	1		
70/ 75		.1	.9	.3	.1													13	13		
74/ 73		.5	2.4	1.5	.2													43	43	1	
72/ 71		2.3	6.7	1.6	.3													101	101	25	5
71/ 69		3.2	5.7	1.3	.9													108	108	59	38
68/ 67	.3	4.4	5.0	1.7	.5													111	111	121	73
66/ 65	.4	4.6	2.6	1.8	.1													89	89	123	110
64/ 63	.2	4.5	1.4	1.4	.3													73	73	88	115
62/ 61	.2	3.6	2.2	.2														57	57	88	77
60/ 59	.3	2.2	1.8	.1														41	41	72	70
58/ 57		2.9	1.7	.5														48	48	47	50
56/ 55		2.3	1.9	.4														43	44	51	63
54/ 53		1.6	1.0	.6	.1	.2	.2											35	35	30	48
52/ 51		1.6	1.0	1.3	.2	.1												39	39	39	32
50/ 49		1.0	1.4	.5														27	27	30	43
48/ 47		1.3	.6	.5	.1													24	24	28	28
46/ 45		.4	1.0	.9	.4													25	25	32	19
44/ 43		1.2	.3	.5														19	19	22	30
42/ 41		.5	.3	.1	.1													10	10	27	11
40/ 39	.1	.1	.6	.1	.1													13	13	16	33
38/ 37	.1	.5	.2															8	8	9	14
36/ 35			.1															1	1	10	7
34/ 33		.1																1	1	5	13
32/ 31																				2	10
30/ 29	.1																	1	1	1	14
28/ 27	.1																	1	1	1	6
26/ 25																					1
24/ 23																					1
22/ 21																					2
TOTAL	1.9	39.0	38.8	16.3	3.6	.3	.2											929	937		929
Element (X)	Σ X ²		Σ X		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature							Total			
Rel. Hum.	6366120		76360		82.2		9.828		929		≤ 0 F	≤ 32 F	≤ 67 F	≤ 73 F	≤ 80 F	≤ 93 F					
Dry Bulb	3648034		57620		62.0		9.167		929			.2	37.7	5.7			92				
Wet Bulb	3292355		54637		58.8		9.227		929			.4	27.6	.1			93				
Dew Point	3054771		52393		56.4		10.378		929			3.6	11.6				93				

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

YEARS

69-70, 73-80

JAN
MONTH

PAGE 2 1900-1100
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point						
47/ 82					.2	.2												6	6							
47/ 81				.4	1.3	1.1	.3	.1										36	30							
47/ 79				2.9	3.1	2.9	.1											54	34							
72/ 77			.1	3.9	13.1	4.1	.9	.2										207	207							
76/ 75			1.2	4.6	6.9	4.7	.2	.2	.1									179	170	12						
74/ 73			.9	.3	1.2	2.5	1.7	.3	.1									69	69	62						
73/ 71		.5	1.0	.9	2.5	2.8	.3	.3	.1									92	82	110	25					
72/ 69		.4	.4	.8	1.4	2.0	1.3	.2	.1									62	62	194	51					
67/ 67		.2	.6	.9	1.2	1.5	.5	.4	.1	.1								52	52	127	129					
67/ 65		.4	.4	.1	1.1	.9	.1	.1	.4									32	32	70	111					
64/ 63			.3	.3	.9	.8	.4	.9	.2									34	34	81	104					
67/ 61		.3		.2	.4	.3	.2	.4	.1	.2								26	26	64	87					
67/ 59		.6	.1		.2	.8	.5	.4	.3									28	28	46	59					
67/ 57				.1	.9	.2	.2	.4	.1									16	16	40	64					
57/ 55			.2		.3	.3	.1	.2										11	11	21	45					
64/ 53				.1	.1		.3	.1										6	6	14	26					
67/ 51					.1	.1												2	2	18	35					
67/ 49					.2		.5											7	7	33	45					
67/ 47						.1	.1											2	2	13	22					
45/ 45						.1												1	1	14	15					
44/ 43					.1	.1												2	2	9	4					
62/ 41				.1														1	1	6	15					
40/ 39																				4	17					
72/ 37																				3	8					
76/ 35																				3	9					
34/ 33																					10					
77/ 31																					12					
70/ 29																					3					
76/ 27																					6					
70/ 25																					3					
74/ 23																					5					
67/ 21																					10					
67/ 19																					4					
Element (X)	ΣX^2		ΣX		\bar{X}		σ_X		No. Obs.		Mean No. of Hours with Temperature															
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total			
Dry Bulb																										
Wet Bulb																										
Dew Point																										

2

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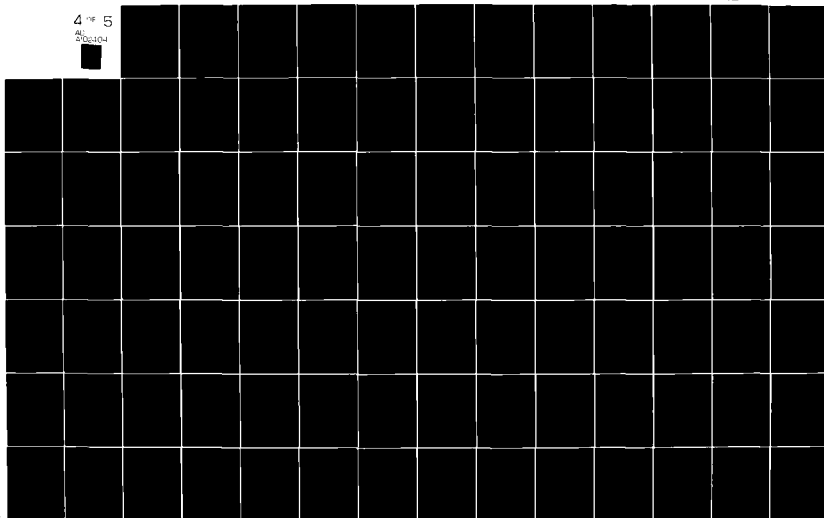
YEARS

PAGE 5 120-1420
HOURS (L. S. T.)

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD-A102 404 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
HOMESTEAD AFB, FLORIDA. REVISED UNIFORM SUMMARY OF SURFACE WEAT--ETC(U)
JUN 81
UNCLASSIFIED USAFETAC/DS-81/065 SBIE-AD-E850 091 NL

4 OF 5
AL
000104



PSYCHROMETRIC SUMMARY

<u>1. 320</u>	<u>HOMESTEAD AFB FL</u>
STATION	STATION NAME

69-70, 73-80

YEARS

JAN
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

10426	HOMESTEAD AFB FL
STATION	STATION NAME

69-70, 73-37

YEARS

✓ Δ⁺
MONTH

PAGE 1 15-3-2001
HOURS (L. S. T.)

[illegible]

1
5

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17826 HOMESTEAD AFB FL
STATION STATION NAME

69-70, 73-80
YEARS

JAN
MONTH

PAGE 1 21.6-23.0
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
73/ 77			.1															1	1						
70/ 75		.2	.9	.8														17	17						
74/ 73		1.4	2.3	1.4														52	52	5					
72/ 71		2.7	9.4	2.9	.1													139	139	29	12				
71/ 69		1.9	9.2	5.1	1.4													164	164	72	45				
68/ 67		3.7	7.1	2.6	1.6													179	139	140	73				
66/ 65		3.8	2.2	2.7	.5													85	85	143	130				
64/ 63		1.6	1.7	2.2	.5	.4												60	60	125	124				
62/ 61		1.6	1.7	1.2	.2		.1											45	45	69	114				
60/ 59		1.3	1.9	1.2	.4	.1												46	46	65	86				
58/ 57		.6	1.8	1.5	.6	.3												47	47	59	86				
56/ 55		.4	1.1	.3	.9	.4	.1											30	30	32	53				
54/ 53		.6	.9	1.0	.9	1.0												40	40	39	43				
52/ 51		.1	1.0	1.2	.4	.1												26	26	31	37				
50/ 49		.1	.9	.2	.1	.1												13	13	27	31				
48/ 47		.1		.5	.1													7	7	27	20				
46/ 45		.1	.3	.2														6	6	30	16				
44/ 43			.1	.1	.2													4	4	12	17				
42/ 41				.3														3	3	11	24				
40/ 39			.1	.2														3	3	2	16				
38/ 37			.1	.1														2	2	2	10				
36/ 35			.1															1	1	7	14				
34/ 33																				3	11				
32/ 31																					4				
30/ 29																					5				
28/ 27																					6				
26/ 25																					7				
24/ 23																					8				
TOTAL		20.3	43.3	25.5	8.2	2.5	.2											930	930	930	930				

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

17028 HOMESTEAD AFB FL

69-75, 73-82

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

A1 1

HOURS (L, S, T.)

[illegible]

2

/

YEARS

PAGE 2

211

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

A)

1970

USAFETAC

PSYCHROMETRIC SUMMARY

<u>1-026</u>	<u>HOMESTEAD AFB FL</u>
STATION	STATION NAME

69-70, 73-80

FFE

PAGE 1 100-6257
HOURS (L. S. T.)

[illegible]

25

MEARS

F F E

MONTH

67-0242

HOURS (L. S. T.)

REPRODUCTION OF THIS FORM AND CONTENT

0-26.5 (OL A)

1000

USAFETAC

PSYCHROMETRIC SUMMARY

17520	HOMESTEAD AFB FL
STATION	STATION NAME

64-72, 73-87

YEARS

FEB
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
66/ 55								.1										1	1																
64/ 53						.6	.8	.2										14	14																
62/ 51				.4	1.2	1.7	.5	.4										34	34																
60/ 49			.9	1.8	3.3	.8	.1											59	59																
58/ 47				1.4	7.1	3.9	1.4	.9			.1							123	123																
56/ 45			.2	2.2	4.0	3.5	.9	1.1	.1	.1								104	104	4															
54/ 43		.1	.8	1.1	1.9	4.0	2.7	.6	.1									95	95	32	3														
52/ 41		.1	.8	1.3	1.7	4.8	2.3	.4	.1									102	102	56	11														
50/ 39		.1	.1	.6	2.8	3.7	1.2	1.2	.4	.1								86	86	123	35														
48/ 37		.1	.1	.2	1.7	2.6	1.2	.8	.4	.1								61	61	81	64														
46/ 35		.8	.4	.8	.7	1.5	1.4	.4	.2									53	53	75	96														
44/ 33		.5	.1	.7		1.8	.9	.5	.4	.1								42	42	70	64														
42/ 31		.1	.2	.4	.9	.8	.4	.4	.2									29	29	115	61														
40/ 29			.7	.1		.2	.2	.1	.2									14	14	69	49														
38/ 27		.1	.2	.4				.1	.4									10	10	51	62														
36/ 25						.4	.4	.2										8	8	41	69														
34/ 23			.1		.1	.2	.1											5	5	45	68														
32/ 21					.1		.1	.2										4	4	19	60														
30/ 19					.1		.1											2	2	15	26														
28/ 17																				5	27														
26/ 15																				11	34														
24/ 13																				10	23														
22/ 11																				3	15														
20/ 9																				1	5														
18/ 7																				2	6														
16/ 5																					12														
14/ 3																					8														
12/ 1																					6														
10/ -1																					2														
8/ -3																					7														
6/ -5																					3														
4/ -7																					1														
2/ -9																					2														
0/ -11																																			

1

/

753
MONTH

100-140

USAFETAC
FORM
JUL 64
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/MAU

PSYCHROMETRIC SUMMARY

10-78 STATION HOMESTEAD AFB FL

65-71, 73-01

YEARS

FEB
MONTH

PAGE 1 1978-17 1
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
4/ 33						.1	.4	.4	.1									35	35					
5/ 34					.7	1.7	.5	.7		.4	.1							47	47					
6/ 35					.4	2.2	1.4	1.2	.2		.1							94	94					
7- / 77				1.3	5.4	2.8	1.2	.4										107	107					
7- / 75			.1	1.8	5.0	2.1	.9	.5	.2									101	101					
7- / 73		.1	.6	1.7	3.0	3.8	1.8	.5	.2	.1								116	116	61	61			
7- / 71		.1	.5	1.2	3.2	4.4	2.1	.7	.1	.4								115	115	1.4	1.4			
7- / 69		.4	.2	.5	3.2	5.3	2.4	.7	.4	.5	.1							115	115					
8- / 67	.1			1.1	.5	1.9	2.6	2.3	1.2	.2								115	115					
8- / 65	.1	.8	.5	.7	.4	1.7	1.2	.2	.5									115	115	77	77			
9- / 63		.7	.9	.5	.5	.5	.9	1.2	.1									45	45	79	79			
9- / 61		.2	.1	.2	.2	.5	.1		.4	.2								17	17	124	124			
9- / 59			.4	.1	.2				.4									9	9	26	26			
9- / 57		.4			.1	.1	.2	.6	.2									14	14	28	28			
9- / 55						.1	.1											2	2	40	40			
9- / 53								.1										2	2	25	25			
9- / 51																		1	1	12	12			
9- / 49																				12	12			
9- / 47																				3	3			
9- / 45																				11	11			
9- / 43																								
9- / 41																								
9- / 39																								
9- / 37																								
9- / 35																								
9- / 33																								
9- / 31																								
9- / 29																								
9- / 27																								
9- / 25																								
9- / 23																								
9- / 21																								
9- / 19																								
TOTAL	.2	2.7	4.5	11.0	26.0	27.1	16.1	7.6	2.9	1.7	.4							846	846		846			
Element (X)	Σ X'		Σ X		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ			
Rel. Hum.	314.345		50239		59.4		13.650		846		± 0 F		± 32 F		± 67 F		± 73 F		± 80 F		± 93 F			
Dry Bulb	4387969		63741		71.8		5.642		846				70.0		38.9		6.9							
Wet Bulb	3373452		53138		62.8		6.510		846				28.5		2.9									
Dew Point	2758532		47600		56.3		9.750		846		2.5		10.4											

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1966 HOMESTEAD AFB FL
STATION STATION NAME

62-70, 73-80
YEARS

FEB
MONTH

PAGE 1 16-6-2000
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																							TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point						
79					.1	.1												2	2								
77			.2	1.1	.2	.1	.4	.1										23	23								
75			.7	2.4	1.2	.7		.1			.1							44	44								
73		.4	3.5	4.3	.7	.2	.1											78	78								
71		.9	5.7	4.4	2.1	.5	.2	.2										113	113	27							
69		1.1	3.4	3.9	2.4	.9		.2	.1									112	102	75	30						
67	.1	.2	3.3	4.1	3.9	1.1	.6	.2	.1									116	116	102	67						
65	.1	1.9	1.9	3.9	3.2	1.7	.5	.2										113	113	98	69						
63		.8	2.5	3.4	2.7	1.7	.6	.1	.1									95	95	77	63						
61		.5	1.9	2.7	1.4	1.1	.2		.1									67	67	105	61						
59		.4	.6	1.4	.9	.2	.2	.1	.1									34	34	14	59						
57		.5	1.1	.2	.5	.5		.1										27	27	65	57						
55			.1	.6	.4		.5	.2										15	15	72	55						
53				.1	.2		.6											9	9	47	53						
51				.1		.5	.1											6	6	23	48						
49			.1		.3													3	3	7	40						
47																					37						
45																					3						
43																					14						
41																					5						
39																											
37																											
35																											
33																											
31																											
29																											
27																											
25																											
23	.2	6.6	24.3	32.6	20.4	9.2	4.3	1.8	.6		.1																
TOTAL																		846		846	846						
Element (X)	Σ x'		Σ x		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ		Σ						
Rel. Hum.	4299304		59286		70.1		13.84		846		± 0 F		± 32 F		± 67 F		± 73 F		± 80 F		± 93 F						
Dry Bulb	3845399		56847		67.2		5.500		846						47.5		14.6		.2								
Wet Bulb	3207723		51869		61.2		6.431		846						20.5		.2										
Dew Point	2794816		47992		56.7		8.992		846				2.3		9.7												

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

1020 HOMESTEAD AFB FL
STATION STATION NAME

69-71, 73-87

YEARS

F F 6

MONTH

PAGE 1

2100-2300

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

1. 526	HOMESTEAD AFB FL
STATION	STATION NAME

64-72, 73-82

FREE
MONTH

PAGE 7

ALL

HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
17 / 17																								
15 / 15																								
TOTAL	.5	17.0	26.6	20.3	15.5	11.5	5.3	2.3	.7	.3	.1							6767	6769	6767	6767			
Element (X)	Z _{X'}	Z _X	H	G ₂	No. Obs.	Mean No. of Hours with Temperature										Total								
Rel. Hum.	36267360	485544	71.8	14.531	6767	≤ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total												
Dry Bulb	29629758	444414	65.7	8.134	6768			343.7	134.9	16.3		672												
Wet Bulb	24798399	406281	60.0	7.745	6767			158.3	9.6			672												
Dew Point	21674236	377458	55.8	9.572	6767		14.4	77.5	.7			672												

PSYCHROMETRIC SUMMARY

YEARS

MA ?
MONTH

PAGE 1

0400-020
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

17026	HOMESTEAD AFB FL
STATION	STATION NAME

69-70, 73-80

YEARS

ME -

MONTH

PAGE 1

0300-0500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

<u>17626</u>	<u>HOMESTEAD AFB FL</u>
STATION	STATION NAME

69-70, 73-80

YEARS

MAR
MONTH

PAGE 1 2900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
66/ 85						.2	.1	.1										4	4					
64/ 83						.4	.1											8	4					
62/ 81				.8	2.4	2.5	.4	.1										57	57					
60/ 79			.3	3.8	4.9	2.6	1.2	.4										123	123					
74/ 77			1.4	5.4	6.8	2.9	1.2	.3	.1									168	168					
76/ 75		.3	3.7	4.1	4.5	4.4	.8	.4										169	169					
74/ 73		.2	1.3	3.9	2.8	3.7	.9	.2										119	119	126	11			
72/ 71		.6	1.3	1.6	3.1	1.6	.3	.4	.1									85	85	155	66			
70/ 69	.1	.4	1.7	.9	1.7	.6	.3	.2										49	49	137	130			
68/ 67		.2	.9	.5	1.1	1.0	.2	.2										38	38	111	134			
66/ 65			.4	.6	.2	.4	.2											18	18	114	112			
64/ 63		.2	.2	.3	.4	.8	.4											22	22	94	69			
62/ 61		.1	.2	.3	.2	.3	.2	.2										15	15	92	85			
60/ 59		.4		.4	.3	.4	.2											22	22	22	62			
60/ 57		.2	.1	.5	.5	.2	.1											16	16	25	66			
58/ 55			.3	.4	.1	.2												10	10	17	44			
64/ 53			.1	.1	.1	.1												4	4		19			
62/ 51																				22	15			
60/ 49																				13	20			
62/ 47																				9	16			
60/ 45																					1			
64/ 43																					1			
62/ 41					.7													2	2		10			
60/ 39			.1															1	1		7			
60/ 37																					6			
66/ 35																					1			
64/ 33																				3	2			
62/ 31																					2			
64/ 23																					1			
62/ 21																					2			
TOTAL	.1	2.8	11.2	23.8	30.3	22.4	6.6	2.7	.2									930	930	930	930			
Element (X)	Σ X'		Σ X		Σ		Σ ₂		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.	4312765		62521		67.2		10.865		930		= 0 F		= 32 F		= 67 F		= 73 F		= 80 F		= 93 F		Total	
Dry Bulb	5104427		68649		73.8		6.313		930						82.0		64.8		13.0				93	
Wet Bulb	4158722		61892		66.6		6.543		930						54.7		14.9						93	
Dew Point	3642482		57694		62.0		8.257		930				.5		34.1		1.1						93	

PSYCHROMETRIC SUMMARY

YEARS

12-1460
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
89									.1	.1								2	2						
87						.2		.1	.1									4	4						
85						.5	.5	1.4										23	23						
83					1.3	2.8	1.4	.5										56	56						
81				.3	3.4	4.9	2.9	.5	.1	.1								115	115						
79				4.3	5.7	4.1	2.9	1.1	.3									171	171						
77			.3	2.9	6.4	4.1	3.3	.9										173	173	2					
75			1.2	3.7	2.6	3.8	2.9	.3	.3	.1								142	142	27					
73		.1	.5	1.1	1.3	3.3	1.5	.6	.4									83	83	157	4				
71			.3	.4	1.2	2.3	1.2	.2										52	52	165	74				
69		.3	.8	.2	.2	.9	1.5	.1	.2									39	39	145	112				
67		.1	.4		.3	.3	.4	.2	.1									17	17	113	143				
65		.1	.2			.1	.6	.8	.2									19	19	97	122				
63			.1	.1	.1	.4	.5	.4	.2									18	18	72	89				
61		.3	.1		.1	.2	.1											8	8	45	73				
59		.2	.1			.2	.1											6	6	45	75				
57			.1															1	1	14	67				
55		.1																1	1	9	44				
53																				18	31				
51						.1												1	1	13	14				
49						.1												1	1	9	14				
47																			1	1	13				
45					.1													1	1		7				
43																					13				
41																				1	3				
39																				1	9				
37																				1	4				
35																					1				
33																					3				
31																					2				
29																					1				
27																					2				
25																					1				
Element (X)	Σ x ²		Σ x		x̄		s ²		No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total		
Dry Bulb																									
Wet Bulb																									
Dew Point																									

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

19826 HOMESTEAD AFB FL
STATION STATION NAME

69-70, 73-80
YEARS

MAY
MONTH

PAGE 1 15 7-1736
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
89										.2	.1							3	3						
88						.3	.9	1.2	.2	.1	.1							26	26						
87					.4	1.3	1.4	.6	.2	.3	.1							44	44						
86				.9	2.9	4.7	1.8	.6	.1	.1		.1						175	175						
85				2.7	4.2	4.7	2.3	.9	.2									132	132						
84			.5	4.6	6.9	2.6	1.6	.2	.4		.1							158	158						
83			.8	5.7	3.9	4.6	2.3	.3	.2		.1							166	166	.2					
82		.2	1.1	3.0	2.2	2.7	2.4	.4	.1	.1								113	113	129	1				
81		.2	.3	.4	2.0	2.4	1.2	.3										65	65	158	50				
80	.1	.1	.4	.1	1.7	1.9	.3	.4		.2								50	50	176	111				
79			.2	.1	.2	.9	1.1	.2	.4									28	28	112	137				
78		.2			.4	.6	.3	.4	.1									20	20	87	142				
77		.1	.1		.1			.1										4	4	80	84				
76		.2	.1	.3	.2	.1	.1											10	10	65	82				
75							.7											2	2	58	61				
74							.1											1	1	17	69				
73							.2											2	2	21	47				
72							.1											1	1	6	42				
71																				13	31				
70																					10				
69																				3	15				
68																					9				
67																					6				
66																					3				
65																					1				
64																					2				
TOTAL	.1	1.1	3.5	17.8	25.6	26.7	16.2	5.8	2.7	1.1	.5	.1						930	930	930	930				
Element (X)	ΣX'		ΣX		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature										Total				
Rel. Hum.	3741371		57993		62.4		11.602		930		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total		
Dry Bulb	5418697		70833		76.2		5.055		930						89.0		74.7		24.5				97		
Wet Bulb	4251714		62678		67.4		5.439		930						59.7		15.1						92		
Dew Point	3628105		57649		62.7		7.663		930				.3		30.5		.1						92		

PSYCHROMETRIC SUMMARY

17-26
STAT

HOMESTEAD AFB FL
STATION NAME

67-70, 73-80

YEARS

4 A F
MONTH

PAGE 1

1576-2500
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1965 HOMESTEAD AFB FL

64-70, 73-80

1967

STATION

STATION NAME

YEARS

MONTH

PAGE 1

2100-2700

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
72/ 77			.3	.9	.4	.1												16	16						
72/ 75		.3	2.6	3.2														4	64						
74/ 73		2.5	9.7	4.8	2.3	.3												142	132	13					
72/ 71	.1	4.1	13.4	2.9	1.9	1.1	.4											223	223	11					
72/ 69	.1	3.4	4.4	3.2	2.2	.9	.2											140	140	171	104				
66/ 67		1.9	3.4	3.3	1.7		.2	.1										100	100	171	172				
67/ 65	.1	1.4	2.2	1.6	.8													56	56	1	143				
64/ 63		.5	1.2	2.5	.9	.1	.1											50	50	96	51				
63/ 61		.3	.5	1.4	1.2	.1	.1											34	34	35	31				
62/ 59		.2	.5	1.2	.3	.3	.1											25	25	63	75				
61/ 57		.2	.8	.6	.2	.3	.1											21	21	45	48				
57/ 55			.2	.4	.1	.2												9	9	20	8				
57/ 53			.1	.2	.2													5	5	10	40				
57/ 51																		2	2	17	30				
50/ 49																									
47/ 47				.1	.1													2	2	7	10				
46/ 45				.1														1	1	5	14				
44/ 43																									
42/ 41																									
41/ 39																									
38/ 37																									
35/ 35																									
34/ 33																									
32/ 31																									
TOTAL	.3	15.1	39.4	26.6	13.9	7.4	1.3	.1										930	930	970	930				

PSYCHROMETRIC SUMMARY

1 425	HOMESTEAD AFB FL
STATION	STATION NAME

64-70, 73-5

YEARS

24.

MONTH

DATE _____

HOURS (L - S - T.)

[illegible]

PSYCHROMETRIC SUMMARY

1-26 HOMESTEAD AFB FL
STATION STATION

62-71, 73-81

YEARS

2 3 4

MONTH

PAGE -

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

APR
MONTH

PAGE 1 100-6756
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

64-71, 73-80

YEARS

40'
MONTH

PAGE 1

300-2505
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

<u>17826</u>	<u>HOMESTEAD AFB FL</u>
STATION	STATION NAME

69-70, 73-80

YEARS

APZ

MONTH

PAGE 1

0672-3640

HOURS (L, S, T.)

[illegible]

2

USAFETAC **FORM 0-26-5 (OLA)** **REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE**

YEARS

APC.
MONTH

PAGE 1 297E-1100
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

10-26	HOMESTEAD AFB FL
STATION	STATION NAME

69-70, 73-80

YEARS

APR
MONTH

PAGE 1 1276-1400
HOURS (L. S. T.)

[illegible]

2

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 215-2300
HOURS (L. S. T.)

USAFETAC **POBMS** **REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE**
0-26-5 (OLA) **JAN 64**

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17620 HOMESTEAD AFB FL
STATION

69-70, 73-8

YEARS

APR

MONTH

PAGE 1

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL														
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																
89																					12	12														
87																					51	51														
85																					96	96														
83																					212	212														
81																					500	500														
79																					708	708														
77																					998	998	52	3												
75																					1194	1195	234	30												
73																					1129	1135	657	178												
71																					967	968	1219	531												
69																					589	591	1473	899												
67																					308	308	1086	1136												
65																					185	185	921	1052												
63																					110	110	636	849												
61																					60	60	444	668												
59																					33	33	227	528												
57																					15	15	104	429												
55																					10	10	49	366												
53																					9	9	32	176												
51																					3	3	15	129												
49																							20	63												
47																							6	51												
45																								9												
43																								21												
41																								6												
39																								2												
37																								9												
35																								7												
33																								5												
31																								1												
TOTAL	.3	7.0	17.3	24.6	21.9	15.7	7.9	3.6	1.1	.4	.1	.0									7189	7199	7189	7169												
Element (X)	Σ X'			Σ X			Σ			Σ			No. Obs.			Mean No. of Hours with Temperature																				
Rel. Hum.	3629804			503100			70.0			12.315			7189			≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total								
Dry Bulb	40320278			537490			74.7			5.141			7199							677.5		490.8		124.1		720										
Wet Bulb	33237176			487704			67.8			4.586			7189							473.1		94.7		720												
Dew Point	29576367			459137			63.9			5.931			7189							.1		279.3		17.3		720										

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1728 STATION HOMESTEAD AFB FL 69-70, 73-81 YEARS MAY MONTH
PAGE 1 0000-0200 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																							TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point							
91			.1	.8														3	3								
72		1.2	4.3	4.6	1.3													106	106	0							
77		1.4	5.7	7.0	1.3													162	162	1		1					
78		3.9	10.3	8.3	3.7	.1												238	238	7		34					
73	.1	4.6	9.0	5.1	2.0	.9												202	202	17		71					
71		4.0	5.8	1.9	1.4	.5												127	127	24		178					
69		1.2	2.4	1.3	.9													53	53	18		227					
67		.4	1.0	1.0	.2													24	24	11		165					
65		.2	.5															7	7	3		83					
63		.1	.1															2	2	3		68					
61		.1																1	1	2		47					
59																				1		34					
57																						17					
55																						7					
TOTAL	.1	17.1	39.2	31.9	10.1	1.5												930	930	93		93					

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

YEARS

69-70, 73-8

MAY
MONTH

PAGE 1 150-0500
HOURS (L. S. T.)

USAFETAC
FORM
NO. 0-6
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

1.2 STATION HOMESTEAD AFB FL STATION NAME

69-70, 73-5

YEARS

46 Y
MONTH

F. A. G. L. 1

616-900
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1

USAFETAC
FORM
AA 44
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

 MAY
 MONTH

PAGE 1 10-17-68
HOURS (L. S. T.)

[illegible]

2

2

69-70, 73-87

YEARS

DAY
MONTH

PAGE 1 16 J-2001
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

1020	HOMESTEAD AFB FL
STATION	STATION NAME

69-70, 73-5"

YEARS

DAY
MONTH

PAGE 1

71 6-23-66
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

<u>1-26</u>	<u>FORESTLAND AFB FL</u>
STATION	STATION

69-72, 73-81

424

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS (L, S, T, I)

[illegible]

22

USAFETAC
#-9

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STATION

STATION NAME

YEARS

MONTH

PAGE 1

44, - 245

HOURS (L, S, T)

[illegible]

PSYCHROMETRIC SUMMARY

17000	HOMESTEAD AFB FL
STATION	STATION NAME

69-70, 73-80

YEARS

MONTH

PAGE 1

7300-0500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY:

<u>11326</u>	<u>HOMESTEAD AFB FL</u>
STATION	STATION NAME

69-70, 73-97

YEARS

July
MONTH

PAGE 1

2600-2800
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

JUN
MONTH

PAGE : 1905-1100
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

1020	HOMESTEAD AFB FL
STATION	STATION NAME

69-70, 73-8

JUL
MONTH

PAGE 1 12 C-1450
HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1026 HOMESTEAD AFB FL
STATION STATION NAME

69-70, 73-87
YEARS

JUN
MONTH

PAGE 1 150-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31			Dry Bulb	Wet Bulb	Dew Point	
61																			5	5			
62																			28	28			
63																			104	104			
64																			193	193			
65																			231	231			
66																			123	123			
67																			86	86	73	7	
68																			72	72	245	29	
69																			33	33	267	154	
70																			21	21	213	234	
71																			4	4	64	262	
72																					24	139	
73																						51	
74																						15	
75																						5	
76																						2	
77																						2	
78																						2	
79																						2	
80																						2	
81																						2	
82																						2	
83																						2	
84																						2	
85																						2	
86																						2	
87																						2	
88																						2	
89																						2	
90																						2	
91																						2	
92																						2	
93																						2	
94																						2	
95																						2	
96																						2	
97																						2	
98																						2	
99																						2	
100																						2	
TOTAL	2.2	12.9	18.7	32.6	24.6	7.1	1.1	.6	.2	.1									90	90	90	90	
Element (X)	Σ X'		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		Σ X		
Rel. Hum.	4536131		63425		7...5		8,599		900		± 0 F		± 32 F		± 67 F		± 73 F		± 80 F		± 93 F		
Dry Bulb	6199485		74621		82.9		3.728		900						90.0		89.6		74.0		90		
Wet Bulb	5129181		67909		75.5		2.392		900						90.0		80.7		2.6		90		
Dew Point	4770186		64992		72.2		2.770		900						87.6		42.4		.2		90		

USAFETAC FORM 0-26.5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

1326	HOMESTEAD AFB FL
STATION	STATION NAME

69-70, 73-80

YEARS

 JJ^o.
 MONTH

PAGE 1

100-200
HOURS (L.S.T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

MONTH

HOURS (L. S. T.)

0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

2435-1

ALL
HOURS (L. S. T.)

[illegible]

2

2

YEARS

3 MONTHS

PAGE 1

12-12-5
HOURS (L. S. T.)

USAFETAC
FORM
JUL 94
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

17000	HOMESTEAD AFB FL
STATION	STATION NAME

69-70, 73-d

YEARS

55
MONTH

PAGE 1

0300-1500
HOURS (L. S. T.)

[illegible]

2.

YEARS

69-70, 73-81

MONTH

PAGE 1 100-220
HOURS (L. S. T.)

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

1000

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

1026 HOMESTEAD AFB FL

69-70, 73-8

YEARS

JUL
MONTH

PAGE 1

0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
91					.1	.3	.5	.1										10	10		
89					1.0	1.5	.9	.9	.1									39	39		
87				.2	4.6	8.8	4.1	.1	.2									168	168		
85		.1	.1	3.9	15.7	15.0	2.8	.2										360	360		
83		.1	1.7	5.0	9.2	4.6	.2											193	193	3	
81		.3	1.3	2.7	3.4	.4												76	76	27	
79		.1	1.9	2.0	1.2													49	49	158	18
77		.6	.2	1.2	.2													19	20	331	56
75		.3	.2	.2														7	7	276	219
73	.1	.4	.1	.1														7	7	106	241
71																				20	215
69																				123	
67																				1	19
65																					4
63																					1
TOTAL	.1	2.0	5.6	15.1	35.5	30.7	9.4	1.3	.3									928		928	928

USAFETAC
FORM 0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

69-72, 73-82

YEARS

JUL
MONTH

PAGE 1

1200-1400
HOURS (L. S. T.)

USAFETAC
FORM
AF 44
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

<u>12620</u>	<u>HOMESTEAD AFB FL</u>
STATION	STATION NAME

69-70, 73-8

YEARS

JUL
MONTH

PAGE 1 1500-1700
HOURS (L. S. T.)

2

2

YEARS

JUL
MONTH

1000-200
HOURS (L. S. T.)

USAFETAC
FORM
NA 44
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

69-70, 73-85

YEARS

JUL
MONTH

PAGE 1

2100-2300
HOURS (L. S. T.)

[illegible]

USAFETAC
FORM
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

YEARS

69-70, 73-80.

JUL
MONTH

PAGE 1

411

411
HOURS (L. S. T.)

ALL PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

1000

USAFETYAC

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 2000-0200
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1

0310-0500
HOURS (L. S. T.)

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

<u>10020</u>	<u>HOMESTEAD AFB FL</u>
STATION	STATION NAME

69-70, 73-8"

YEARS

AUG
MONTH

PAGE 1

3625-3800
HOURS (L. S. T.)

2

1000

69-70, 73-8:

____ AUG _____
MONTH

PAGE 1 900-1100
HOURS (L. S. T.)

FORM 0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

<u>12820</u>	<u>HOMESTEAD AFB FL</u>
STATION	STATION NAME

63-70, 73-81

YEARS

ALL
MONTH

PAGE 2 12 C-1400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

1726	HOMESTEAD AFB FL
STATION	STATION NAME

69-70, 73-8

YEARS

AUG
MONTH

PAGE 1

18-400
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

ALL
MONTH

HOURS (L, S, T, X)

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1

All

HOURS (L. S. T.)

[illegible]

2

PSYCHROMETRIC SUMMARY

YEARS

SEE
MONITOR

PAGE :

7000-0260
HOURS (L. S. T.)

USAFETAC FORM 0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

PSYCHROMETRIC SUMMARY

YEARS

PAGE ?

300-0500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

12426 HOMESTEAD AFB FL
STATION STATION NAME

69-70, 73-85

YEARS

554
MONTH

PAGE 1 2600-2800
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

SEP
MONTH

PAGE 1

7900-1110
HOURS (L. S. T.)

[illegible]

2

YEARS

25.0
MONTH

12 0-14 0
HOURS (L. S. T.)

USAFETAC FORM 0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

USAFETAC FORM JUL 84 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

[illegible]

24

YEARS

69-72, 73-81

SEP
MONTH

PAGE 1 1800-2000
HOURS (L. S. T.)

FORM 0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

<u>17326</u>	<u>HOMESTEAD AFB FL</u>
STATION	STATION NAME

69-70, 73-80.

YEARS

SEP
MONTH

PAGE 1 2150-2300
HOURS (L. S. T.)

[illegible]

2

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1

USAFETAC
FORM
JUL 44
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

10626	HOMESTEAD AFB FL
STATION	STATION

69-70, 73-8.

25

STATION

STATION NAME

YEARS

MONTH

PAGE 1

100-2340

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

<u>1-26</u>	<u>HOMESTEAD AFB FL</u>
STATION	STATION NAME

69-70, 73-8

YEARS

60 MONTHS

PAGE 1 0310-1510
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
1/ 71			.4	.9	.1													13	19						
1/ 79		.5	2.2	2.3	.9													73	73						
7/ 77	.1	2.8	7.7	5.9	2.7	.2	.4											194	124	17	7				
10/ 75	.1	6.6	9.5	4.2	1.1	.1												210	200	54	57				
14/ 73	.6	5.5	7.2	3.4	1.5	.6												179	179	192	114				
17/ 71	.4	2.9	6.8	1.8	1.4	.3												127	127	229	160				
17/ 69		1.0	4.0	1.4	.4													63	63	137	197				
20/ 67	.6	.2	2.7	1.0	.1													43	43	103	129				
25/ 65	.2	.6	.9	.1	.2													20	20	75	86				
24/ 63				.1	.0													7	7	68	74				
27/ 61			.3	.3	.0													9	9	19	44				
27/ 59		.1	.6															7	7	4	17				
27/ 57																				8	19				
28/ 55																				15	4				
24/ 53																					10				
27/ 51																					7				
28/ 49																					5				
TOTAL	1.3	20.2	42.3	21.1	11.6	2.3	.4											930	930	930	930				
																						930		930	
																								</	

PSYCHROMETRIC SUMMARY

1420	HOMESTEAD AFB FL
STATION	STATION NAME

69-72, 73-8'

507

MONTH

2, 4, 6, 8

6.0 - 9.0
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

12826 HOMESTEAD AFB FL

69-70, 73-80

667

STATION

STATION NAME

YEARS

MONTM

PAGE 1 1206-1400
HOURS (L. S. T.)

[illegible]

2

PSYCHROMETRIC SUMMARY

12625	HOMESTEAD AFB FL
STATION	STATION NAME

69-70, 73-8.

YEARS

OCT
MONTH

PAGE 1 150-170
HOURS (L. S. T.)

REVISED AND VARIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC
FORM
0-26-5 (OL A)

2

YEARS

69-70, 73-80

66
MONTH

PAGE 1 2100-2300
HOURS (L. S. T.)

USAFETAC
FORM
JUL 68
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

25

25

YEARS

PAGE 1

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

12826	HOMESTEAD AFB FL
STATION	STATION NAME

69-70, 73-87

YEARS

NCV
MONTH

PAGE 1 0000-02LC
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

10820 HOMESTEAD AFB FL
STATION STATION NAME

69-70, 73-81
YEARS

NOV
MONTH

PAGE 1 0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																							TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb			Wet Bulb			Dew Point			
79			.1															1	1								
78		2.4	3.3	.8	.3													66	66		3	3					
76		2.1	4.2	4.7	.2													101	101		34	9					
74		5.1	3.1	5.1	1.2	.3												134	134		62	41					
72	.2	4.6	5.0	3.8	2.7	.1												141	141		110	76					
70		2.7	5.3	3.8	.6	.2												113	113		106	95					
68		2.6	4.8	1.1	.2													78	78		114	94					
66		1.8	3.0	1.3	.1													56	56		12	74					
64		1.2	2.7	1.3	.3													50	50		98	97					
62		.4	3.0	.9	1.1	.3												52	52		45	106					
60		1.0	1.3	.3	.6	.4	.2											35	35		53	64					
58		.1	.2	.3	.3	.3												12	12		37	47					
56		.6	.7	.8	.9													26	26		25	40					
54			.4	1.2														15	15		17	30					
52		.2	.7	.1														9	9		14	14					
50		.2	.3															5	5		28	18					
48		.1	.2															3	3		11	0					
46																					7	22					
44																											
42				.3														3	3								
40																											
38																											
36																											
34																											
32																											
30																											
28																											
26																											
TOTAL	.225	1.38	9.25	.9	7.9	1.9	.2											900	900		900	900					
Element (X)	Σ X'		Σ X		Σ	Σ	Σ	No. Obs.		Mean No. of Hours with Temperature										Total							
Rel. Hum.	5842275		71993		80.0	9.631	900		≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F													
Dry Bulb	4299958		61926		68.8	6.590	900				63.4	30.2							40								
Wet Bulb	3836960		58412		64.9	7.145	900				42.9	9.9							90								
Dew Point	3558322		56082		62.3	8.415	900			.3	31.8	5.3							9								

REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

USAFETAC FORM JAN 64

PSYCHROMETRIC SUMMARY

YEARS

NCV
MONTH

PAGE 1

6-1-58
HOURS (L. S. T.)

[illegible]

25

YEARS

67-72, 73-35

NOV

STATION

STATION NAME

PAGE 1

MONTH

0000-11-0

HOURS (L. S. T.)

0.26-5 (OLA)

USAFETAC

2

YEARS

67-70, 73-85

145. ✓
MONTH

PAGE 1 14.5 - 14.5
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

17520 HOMESTEAD AFB FL 69-71, 73-81 NOV
STATION STATION NAME YEARS MONTH
PAGE 1 15 0-1700
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
66/ 95					.1	.4	.1											6	6					
64/ 92				.2	1.1	.9	.3	.1										24	24					
62/ 89			.8	4.6	3.3	3.7	1.2	.4	.1	.1								122	122					
60/ 79		.3	2.1	5.8	7.6	7.3	1.7	.2		.2								227	227					
70/ 77		.1	1.7	2.3	6.9	4.7	2.6	.7	.1	.3	.1							179	179	20	1			
72/ 75		.2	1.3	1.4	3.7	4.3	1.3	.4	.4	.2								118	118	91	18			
74/ 73		.2	.3	.9	1.9	2.3	2.1	.2	.2	.2								76	76	142	66			
76/ 71	.2	.2	.6	.8	1.3	2.2	.2		.3	.2								55	55	127	89			
78/ 69			.3	.2	1.7	1.2	.5	.2	.6									43	43	147	106			
80/ 67			.2	.3	.1	.2	.6	1.3	.1									23	23	101	97			
82/ 65				.2	.1	.6	.6	.2										15	15	71	101			
84/ 63					.1	.1												2	2	49	97			
86/ 61						.3												3	3	46	79			
88/ 59						.1		.2										3	3	27	49			
90/ 57							.2											2	2	5	49			
92/ 55							.1											1	1	22	49			
94/ 53							.1											1	1	18	18			
96/ 51																				5	16			
98/ 49																				1	11			
100/ 47																					9			
102/ 45																					11			
104/ 43																				1	11			
106/ 41																				1	1			
108/ 39																					9			
110/ 37																					1			
112/ 35																					1			
114/ 33																					1			
116/ 31																					2			
118/ 29																					1			
120/ 27																					1			
TOTAL	.2	1.1	7.3	17.2	27.8	11.7	3.8	1.9	1.3	.1								900	900	900	900			
Element (X)	Σ X'		Σ X		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature						Total							
Rel. Hum.	3871943		58037		64.5		11.997		900		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F							
Dry Bulb	5317738		69762		76.7		4.499		900						37.3		75.2							
Wet Bulb	4248271		61611		68.5		5.833		900						62.8		25.3							
Dew Point	3691907		57149		63.5		8.372		900		.5		37.7		8.5									

USAFETAC FORM 0-26-5 (O. A.) 10-64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

AD-A102 404 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
HOMESTEAD AFB, FLORIDA. REVISED UNIFORM SUMMARY OF SURFACE WEAT--ETC(U)
JUN 81

UNCLASSIFIED USAFETAC/DS-81/065

SBIE-AD-E850 091

NL

5 OF 5

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000004



END

DATE

17 JUL

8 '81

DTIC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

10-20 STATION HOMESTEAD AFB FL

69-70, 73-80

YEARS

NOV
MONTH

PAGE 1 10-6-70
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)															TOTAL	TOTAL				
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
81			.1	.1	.1													3	3		
79			1.4	1.4	.3	.6	.2											36	36		
77		1.6	6.1	5.2	3.2		.3											143	143	4	1
75		1.9	5.9	7.2	6.6	1.4	.2		.1									210	210	44	13
73		1.6	4.3	6.3	3.6	1.0	.1	.1										154	154	96	50
71	.2	.3	2.9	4.2	4.1	1.0	.4											123	123	134	77
69		.1	2.3	1.3	2.0	1.7	.1		.1									81	81	140	106
67			.6	1.3	2.1	.9	.1	.2										47	47	126	107
65			.2	1.0	.9	.6	.2	.1										27	27	107	91
63		.1	.3	.6	.9	.4	.7											27	27	66	104
61				.4	.4	1.0	.1											18	18	62	86
59		.1		.3	.6	.3												12	12	35	49
57		.1		.2														3	3	17	60
55					.1	.1												2	2	20	40
53				.1		.1												2	2	23	19
51					.1													1	1	14	12
49					.3	.1												2	2	4	13
47					.1													1	1	1	14
45																				2	8
43																				1	10
41																				1	9
39																				2	3
35																					1
33																					1
29																					2
27																					2
TOTAL	.2	6.22	3.93	0.92	6.3	9.3	2.6	.4	.2									897	897	897	897

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

<u>12026</u>	<u>HOMESTEAD AFB FL</u>
STATION	STATION NAME

64-70, 73-8

YEARS

NOV
MONTH

PAGE 1 21.6-23.0
HOURS (L. S. T.)

[illegible]

2

PSYCHROMETRIC SUMMARY

ALL
HOURS (L. S.)

USAFETAC
FORM
0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

2

UFC
MONTH

PAGE 1 7000-3200
HOURS (L. S. T.)

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

UFC
MONTH

PAGE 1 23-C-3500
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

17026 HOMESTEAD AFB FL
STATION STATION NAME

68-72, 73-79

YEARS

DEC
MONTH

PAGE 1

7600-290
HOURS (L.S.T.)

[illegible]

2

PSYCHROMETRIC SUMMARY

HOMESTEAD AFB FL

68-70, 73-79

YEARS

MONTH

PAGE 1

2900-110
HOURS (L. S. T.)

JSAFETAC FORM 0.26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

10-26 STATION HOMESTEAD AFB FL

56-70, 73-79

YEARS

DEC
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
6 / 85								.1										1	1		
14 / 83				.1	1.0	1.2	.6	.2										29	29		
12 / 81			.2	2.2	2.0	.5	.2											48	48		
7 / 79		.1	.5	1.9	4.5	6.2	1.5	.3	.3									144	144		
74 / 77			.2	2.3	8.7	4.0	3.8	.6	.1	.1								184	134	4	
16 / 75			.2	1.3	4.1	5.6	2.1	.6	.2									136	136	18	3
74 / 73		.2	.9	1.2	2.2	3.9	2.2	.3										100	100	77	7
72 / 71		.4	.3	.4	1.2	3.1	2.5	.5	.2	.1								82	62	104	31
70 / 69				.2	.9	3.1	1.2	.1	.4	.2								56	56	181	77
66 / 67		.1	.2	.2	.5	1.6	1.1	.3	.2	.1	.1							42	42	111	98
66 / 65		.2	.1		1.0	.9	.5	.6	.1	.1								73	33	99	116
64 / 63		.2	.4	.1	.3	1.2	.1	.5	.3									30	30	78	80
62 / 61		.1		.2	.1	.8	.6	.2										19	19	79	82
62 / 59			.1		.2	.3	.4	.3		.1								14	14	51	81
60 / 57					.1	.1	.2	.1										5	5	40	58
56 / 55						.3	.1											4	4	30	58
47 / 53						.1	.1											2	2	18	51
46 / 51					.1													1	1	25	37
47 / 49																				12	36
46 / 47																				12	22
46 / 45																				3	21
44 / 43																				8	8
42 / 41																					10
41 / 39																					8
36 / 37																					10
36 / 35																					7
34 / 33																					10
32 / 31																					7
31 / 29																					1
31 / 27																					4
26 / 25																					1
24 / 23																					2
22 / 21																					1
18 / 17																					1
Element (X)	Σ X ²		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature							Total			
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F				Total	
Dry Bulb																					
Wet Bulb																					
Dew Point																					

USAFETAC FORM 0-26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

UFC
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

10426 HOMESTEAD AFB FL

68-70, 73-79

YEARS

DEC
MONTH

PAGE 1 15 10-17
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL																					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																							
4/ 83					.1	.2	.2	.2											7	7																							
5/ 81					.2	.3	.4	.4	.2										33	33																							
6/ 79			.2	1.8	2.9	2.5	.5	.2											76	76																							
7/ 77			.8	2.9	7.3	2.8	1.5	.3	.1	.1									147	147																							
8/ 75	.1	.2	.8	5.1	6.3	4.4	1.2	.1	.2										171	171																							
9/ 73	.1	.2	.8	3.7	4.1	4.6	1.4	.2											140	140	68																						
10/ 71			1.2	1.2	3.1	2.8	1.9	.5	.1	.3									104	104	99	26																					
11/ 69		.1	.6		2.7	2.7	1.7	.1	.2	.3									79	79	139	75																					
12/ 67		.2	.2	.6	1.2	2.0	1.3	.9	.4										64	64	106	97																					
1/ 65			.4	.5	1.0	1.4	.4	.8	.3										45	45	118	79																					
2/ 63		.1		.1	1.1	.6	.1	.9	.4										30	30	82	106																					
3/ 61		.1	.3		.1	.1	.3	.3											16	16	38	71																					
4/ 59			.2	.2	.1	.1	.3	.3											12	12	48	34																					
5/ 57			.1				.1	.1											3	3	55	79																					
6/ 55							.2												2	2	35	52																					
7/ 53						.1													1	1	20	46																					
8/ 51																					10	38																					
9/ 49																					17	38																					
10/ 47																					5	29																					
11/ 45																						14																					
12/ 43																																											
1/ 41																																											
2/ 39																						12																					
3/ 37																						12																					
4/ 35																						12																					
5/ 33																						5																					
6/ 31																						5																					
7/ 29																						2																					
8/ 27																						2																					
TOTAL	.2	1.5	5.6	16.1	32.2	25.2	12.2	4.8	2.0	.8									930	930	930	930																					
Element (X)	Σ X'		Σ X		Σ		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature										Total																				
Rel. Hum.	3745141		57221		62.3		12.178		930		≥ 0 F		≥ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total																				
Dry Bulb	5010922		68298		73.2		5.137		930						82.1		57.4		7.5				93																				
Wet Bulb	3945364		60290		64.8		6.301		930						43.8		7.4						93																				
Dew Point	3330453		55013		59.2		9.058		930				1.1		20.4		.6						93																				

2

YEARS

570
MONTH

HOURS (L, S, T.)

USAFETAC
FORM
JAN 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

17-26 HOMESTEAD AFB FL

63-70, 73-75

450

STATION

STATION NAME

YEARS

MONTH

PAGE 1

21-22
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

10-26 STATION HOMESTEAD AFB FL

63-70, 73-79

YEARS

DEC
MONTH

PAGE 1

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	= 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
6/ 39																		1	1						
7/ 43																		4	40						
8/ 81																		112	112						
9/ 79																		271	271						
10/ 77																		542	542	5					
11/ 75																		623	623	47	11				
12/ 73																		723	723	275	37				
1/ 71																		1052	1052	545	151				
2/ 69																		797	797	629	534				
3/ 67																		644	644	930	655				
4/ 65																		562	562	949	789				
5/ 63																		379	379	797	767				
6/ 61																		358	358	610	725				
7/ 59																		304	304	426	604				
8/ 57																		214	214	401	531				
9/ 55																		198	198	339	425				
10/ 53																		193	193	270	377				
11/ 51																		155	155	210	295				
12/ 49																		116	116	226	269				
1/ 47																		68	69	192	211				
2/ 45																		43	43	154	160				
3/ 43																		24	24	174	156				
4/ 41																		7	7	21	135				
5/ 39																		5	5	20	140				
6/ 37																		4	4	11	115				
7/ 35																					117				
8/ 33																				1	73				
9/ 31																					45				
10/ 29																					15				
11/ 27																					12				
12/ 25																					2				
1/ 23																					1				
2/ 21																					1				
3/ 17																					1				
Element (X)	Σ X					Σ X					Σ X					Σ X					Σ X				
Rel. Hum.																									
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

68-72, 73-79

YEARS

DEC

MONTH

PAGE 7

411

HOURS (L, S, T,)

[illegible]

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

17425 HOMESTEAD AFB FL
STATION STATION NAME

68-70, 73-8"

YEARS

ALL
MONTH

PAGE 3

ALL
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
60 / 75																		4	4					
60 / 93																		19	19					
60 / 91																		119	119					
60 / 80																		768	769					
60 / 87																		2639	2639					
60 / 85																		4744	4746	1	1			
60 / 83																		5725	5725	4	1			
60 / 81																		7999	8002	332	21			
60 / 79																		10282	10287	2561	288			
60 / 77																		10727	10729	8266	1855			
60 / 75																		9414	9418	12513	7110			
60 / 73																		7603	7613	12919	11675			
60 / 71																		6766	6767	9889	11939			
60 / 69																		4873	4875	8733	10501			
60 / 67																		3599	3599	7101	8115			
60 / 65																		2669	2669	5724	6887			
60 / 63																		2070	2070	4531	5503			
60 / 61																		1677	1677	3452	4637			
60 / 59																		1427	1427	2586	3667			
60 / 57																		1078	1078	1984	3043			
60 / 55																		938	939	1534	2703			
60 / 53																		719	719	1236	1959			
60 / 51																		559	559	1023	1529			
60 / 49																		416	416	970	1170			
60 / 47																		259	259	693	912			
60 / 45																		202	203	555	778			
60 / 43																		108	108	36	757			
60 / 41																		69	69	295	591			
60 / 39																		44	44	149	522			
60 / 37																		21	21	81	400			
60 / 35																		4	4	57	331			
60 / 33																		5	5	30	245			
60 / 31																		1	1	7	2-2			
60 / 29																		1	1	1	108			
Element (X)	Σ X ²		Σ X		X		Σ X		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

17500	HOMESTEAD AFB FL
STATION	STATION NAME

68-7th, 73-8th

YEARS

ALL

MONTH

PAGE -

611

HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

12826 HOMESTEAD AFB FL

68-70, 73-80

STATION		STATION NAME												YEARS	
HRS (LST)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL	
0-02	MEAN	63.6	62.3	67.9	71.5	74.7	77.6	78.8	79.1	78.6	75.2	70.0	64.7	72.0	
	S.D.	8.096	7.066	5.630	3.505	3.165	2.556	2.489	2.535	2.333	3.692	6.155	7.717	7.792	
	TOTAL OBS	929	846	930	900	930	900	930	930	899	930	900	930	10954	
3-05	MEAN	62.4	60.7	66.8	70.2	73.7	76.7	77.8	78.3	77.8	74.1	68.8	63.6	71.0	
	S.D.	8.725	7.675	6.413	4.297	3.027	2.574	2.455	2.557	2.402	3.990	6.590	8.219	8.199	
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956	
6-08	MEAN	62.0	60.1	67.2	71.3	75.3	78.4	79.5	79.7	78.8	74.5	68.6	63.2	71.6	
	S.D.	9.167	8.110	6.962	4.899	3.991	3.143	3.108	3.089	2.855	4.347	7.033	8.506	9.042	
	TOTAL OBS	930	846	930	900	930	900	930	929	900	930	900	930	10955	
9-11	MEAN	68.0	67.2	73.8	77.8	80.8	83.2	84.7	84.7	83.9	80.5	75.0	70.2	77.5	
	S.D.	9.069	8.086	6.313	3.654	3.163	3.138	2.857	3.016	2.720	3.855	6.509	7.795	8.093	
	TOTAL OBS	930	846	930	899	930	900	929	930	900	930	900	930	10954	
12-14	MEAN	72.4	71.9	76.6	79.9	82.3	84.1	85.8	85.9	85.0	82.5	77.8	74.3	79.9	
	S.D.	7.030	6.388	5.430	3.472	3.354	3.700	3.469	3.255	3.324	3.450	4.954	5.768	6.784	
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	900	930	10956	
15-17	MEAN	71.9	71.8	76.2	78.9	81.2	82.9	84.7	84.7	83.7	81.3	76.7	73.2	79.0	
	S.D.	6.141	5.642	5.055	3.460	3.531	3.728	3.750	3.464	3.261	3.376	4.499	5.137	6.363	
	TOTAL OBS	930	846	930	900	930	900	930	930	899	930	900	930	10955	
18-20	MEAN	67.5	67.2	72.0	75.1	78.1	80.5	81.9	81.8	80.6	77.8	72.8	68.6	75.4	
	S.D.	6.237	5.500	4.744	3.130	3.012	3.096	3.215	2.932	2.600	3.051	4.846	5.652	6.785	
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	897	928	10951	
21-23	MEAN	65.0	64.0	69.4	72.7	75.9	78.6	79.7	80.0	79.3	76.2	71.1	66.2	73.2	
	S.D.	7.206	6.055	4.962	2.893	2.688	2.633	2.518	2.558	2.413	3.265	5.677	6.710	7.243	
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	897	927	10950	
ALL HOURS	MEAN	66.6	65.7	71.2	74.7	77.8	80.2	81.6	81.8	81.0	77.7	72.6	68.0	75.0	
	S.D.	8.672	8.134	6.838	5.141	4.558	4.100	4.176	4.034	3.827	4.772	6.734	8.097	8.290	
	TOTAL OBS	7439	6768	7440	7199	7440	7200	7439	7439	7198	7440	7194	7435	87631	

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AFW WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

17226 HOMESTEAD AFB FL

68-70,73-80

STATION		STATION NAME												YEARS	
HRS (LST)		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL	
0-00	MEAN	60.0	58.6	64.0	66.6	70.5	73.6	74.4	74.9	74.8	70.7	65.6	60.6	67.9	
	S.D.	8.419	7.685	6.141	4.335	3.434	2.198	2.122	1.995	1.758	4.069	6.820	8.120	7.892	
	TOTAL OBS	929	846	930	900	930	900	930	929	898	930	900	930	10952	
03-05	MEAN	59.1	57.4	63.2	65.8	69.9	73.1	74.0	74.5	74.4	70.1	64.9	59.9	67.2	
	S.D.	8.930	8.034	6.660	4.842	3.710	2.260	2.129	1.982	1.777	4.239	7.145	8.519	8.250	
	TOTAL OBS	930	846	930	897	930	900	930	930	895	930	900	930	10948	
06-08	MEAN	58.8	56.8	63.4	66.4	70.8	74.0	74.8	75.2	74.9	70.4	64.7	59.6	67.5	
	S.D.	9.227	8.380	7.081	5.113	3.803	2.347	2.406	2.187	1.946	4.359	7.456	8.632	8.736	
	TOTAL OBS	929	845	930	895	930	900	930	928	898	930	900	930	10945	
09-11	MEAN	62.3	60.8	66.6	69.2	73.1	75.7	76.7	77.2	77.0	73.1	67.7	63.6	70.3	
	S.D.	9.107	8.243	6.543	4.456	3.298	2.220	2.103	2.056	1.757	3.888	6.961	8.034	7.976	
	TOTAL OBS	930	846	930	897	929	900	928	929	899	930	900	930	10948	
12-14	MEAN	64.3	62.9	67.6	70.0	73.6	76.0	77.1	77.6	77.2	73.6	68.9	65.2	71.2	
	S.D.	8.027	7.051	5.812	4.018	3.055	2.366	2.183	2.104	2.004	3.613	6.060	6.747	7.082	
	TOTAL OBS	930	846	930	900	928	900	930	930	898	930	900	930	10952	
15-17	MEAN	64.1	62.8	67.4	69.6	73.0	75.5	76.5	76.9	76.6	73.0	68.5	64.8	70.8	
	S.D.	7.530	6.510	5.439	3.821	2.975	2.392	2.426	2.207	1.869	3.546	5.833	6.301	6.786	
	TOTAL OBS	930	846	930	900	930	900	929	930	899	930	900	930	10954	
18-20	MEAN	62.3	61.2	65.9	68.0	71.9	74.6	75.5	75.8	75.4	71.8	66.9	63.0	69.4	
	S.D.	7.514	6.431	5.493	3.936	3.000	2.295	2.341	2.106	1.792	3.720	6.025	6.697	7.041	
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	897	928	10951	
21-23	MEAN	60.9	59.7	64.9	67.2	71.2	73.9	74.8	75.3	75.0	71.2	66.1	61.7	68.5	
	S.D.	7.907	6.940	5.782	3.973	3.130	2.221	2.122	2.044	1.684	3.891	6.521	7.427	7.465	
	TOTAL OBS	930	846	930	900	930	900	930	930	899	930	897	927	10949	
ALL HOURS	MEAN	61.5	60.0	65.4	67.8	71.8	74.6	75.5	75.9	75.7	71.7	66.7	62.3	69.1	
	S.D.	8.583	7.745	6.357	4.586	3.550	2.494	2.479	2.354	2.098	4.120	6.789	7.869	7.811	
	TOTAL OBS	7438	6767	7440	7189	7437	7200	7437	7436	7186	7440	7194	7435	87599	

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

10-26 HOMESTEAD AFB FL

68-70, 73-80

STATION		STATION NAME										YEARS			
MRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG.	SEP.	OCT.	NOV.	DEC	ANNUAL	
10-02	MEAN	57.4	55.6	61.4	63.6	68.3	71.8	72.5	73.0	73.1	68.4	62.8	57.6	65.5	
	S D	9.776	9.307	7.448	5.719	4.168	2.505	2.610	2.404	1.932	5.008	8.154	9.537	8.935	
	TOTAL OBS	929	846	930	900	930	900	930	929	898	930	900	930	10952	
3-05	MEAN	56.6	54.8	60.8	63.0	67.9	71.5	72.2	72.7	72.9	68.0	62.3	57.1	65.0	
	S D	10.223	9.361	7.735	6.002	4.289	2.487	2.550	2.359	1.911	5.058	8.415	9.655	9.186	
	TOTAL OBS	930	846	930	897	930	900	930	930	895	930	900	930	10948	
6-08	MEAN	56.4	54.2	60.9	63.4	68.5	72.0	72.7	73.3	73.2	68.3	62.0	56.9	65.2	
	S D	10.378	9.617	8.100	6.238	4.360	2.499	2.760	2.466	2.003	5.061	8.774	9.787	9.535	
	TOTAL OBS	929	845	930	895	930	900	930	928	898	930	900	930	10945	
7-11	MEAN	56.3	55.9	62.0	64.4	69.3	72.5	73.3	74.1	74.1	69.4	63.4	59.0	66.4	
	S D	11.064	10.352	8.257	6.291	4.391	2.657	2.677	2.494	2.089	5.022	8.816	10.020	9.404	
	TOTAL OBS	930	846	930	897	929	900	928	929	899	930	900	930	10948	
12-14	MEAN	58.5	56.4	62.2	64.5	69.5	72.5	73.4	74.2	74.0	69.3	63.6	59.1	66.5	
	S D	11.288	9.982	7.954	6.020	4.250	2.780	2.749	2.570	2.293	5.063	8.542	9.568	9.218	
	TOTAL OBS	930	846	930	900	928	900	930	930	898	930	900	930	10952	
15-17	MEAN	58.4	56.3	62.0	64.3	69.1	72.2	73.0	73.6	73.6	68.9	63.5	59.2	66.2	
	S D	11.147	9.750	7.663	5.744	4.111	2.770	2.812	2.628	2.044	5.159	8.372	9.058	9.000	
	TOTAL OBS	930	846	930	900	930	900	929	930	899	930	900	930	10954	
18-20	MEAN	58.3	56.7	61.9	63.8	68.8	71.9	72.7	73.3	73.2	68.8	63.3	59.0	66.0	
	S D	10.327	8.992	7.521	5.720	4.000	2.685	2.791	2.562	1.987	5.070	7.943	8.809	8.666	
	TOTAL OBS	930	846	930	900	930	900	930	930	900	930	897	928	10951	
21-23	MEAN	57.8	56.3	61.9	63.9	68.7	71.8	72.6	73.2	73.1	68.6	63.0	58.3	65.8	
	S D	9.743	8.877	7.397	5.536	4.005	2.562	2.654	2.509	1.849	5.029	8.052	9.163	8.711	
	TOTAL OBS	930	846	930	900	930	900	930	930	899	930	897	927	10949	
ALL HOURS	MEAN	57.7	55.8	61.6	63.9	68.8	72.0	72.8	73.4	73.4	68.7	63.0	58.3	65.8	
	S D	10.533	9.572	7.777	5.931	4.223	2.641	2.729	2.545	2.059	5.078	8.402	9.519	9.100	
	TOTAL OBS	7438	6767	7440	7189	7437	7200	7437	7436	7186	7440	7194	7435	87599	

12526 HOMESTEAD AFB FL
STATION STA

69-70, 73-FC

JAN
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN.	00-02	100.0	100.0	100.0	99.9	99.4	95.3	82.9	57.4	11.2	80.5	929
	03-05	100.0	100.0	100.0	99.8	98.9	96.5	86.0	63.0	14.1	81.7	930
	06-08	100.0	100.0	100.0	99.8	99.0	97.0	86.5	64.7	16.8	82.2	929
	09-11	100.0	100.0	99.7	98.1	95.3	84.8	58.8	23.1	3.9	71.8	930
	12-14	100.0	100.0	98.3	92.4	85.9	61.6	28.4	5.5	1.3	62.7	930
	15-17	100.0	99.6	96.6	91.7	85.1	67.0	35.9	8.1	.3	63.8	930
	18-20	100.0	100.0	99.1	96.7	92.6	86.1	64.3	35.6	1.7	73.4	930
	21-23	100.0	100.0	100.0	99.7	97.3	92.7	78.8	49.5	6.6	78.1	930
TOTALS		100.0	100.0	99.2	97.3	94.2	85.3	65.3	38.5	7.0	74.3	7439

1976 HOMESTEAD AFB FL
STATION STATION NAME

69-70, 72-80

FFJ
MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	01-02	100.0	100.0	100.0	99.6	98.6	93.5	79.2	50.4	9.0	79.0	846
	03-05	100.0	100.0	100.0	100.0	99.3	95.9	82.6	57.0	13.5	57.9	846
	06-08	100.0	100.0	100.0	100.0	97.9	95.5	84.5	55.1	14.9	51.0	846
	09-11	100.0	100.0	99.8	98.2	90.9	72.5	43.5	17.3	1.8	67.9	846
	12-14	100.0	100.0	96.1	92.6	79.9	46.7	16.2	4.5	.7	59.2	846
	15-17	100.0	100.0	96.6	90.5	77.3	47.6	19.7	5.3	1.1	59.4	846
	18-20	100.0	100.0	99.2	96.5	91.5	79.6	52.4	22.1	2.5	70.1	846
	21-23	100.0	100.0	100.0	99.3	97.5	89.5	71.0	42.0	6.5	76.5	846
TOTALS		100.0	100.0	99.2	97.1	91.9	77.6	56.1	31.7	6.2	71.8	6767

10426 HOMESTEAD AFB FL
STATION STATION NAME

66-70, 72-80

MAK
MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	0-02	100.0	100.0	100.0	100.0	99.0	94.8	80.1	54.4	12.2	78.9	930
	03-05	100.0	100.0	100.0	100.0	99.8	97.0	83.2	58.8	15.8	81.3	930
	06-08	100.0	100.0	100.0	100.0	99.6	96.2	82.0	57.5	13.0	80.5	930
	09-11	100.0	100.0	100.0	99.4	94.0	73.3	40.6	12.9	1.0	67.2	930
	12-14	100.0	100.0	99.6	96.7	84.8	52.8	23.7	5.2	.3	61.7	930
	15-17	100.0	100.0	99.1	95.6	85.7	56.1	26.7	4.5	.6	62.4	977
	18-20	100.0	100.0	99.7	98.5	94.4	83.3	56.3	24.5	1.4	71.2	930
	21-23	100.0	100.0	100.0	99.9	98.2	93.4	73.4	40.2	6.9	77.6	930
TOTALS		100.0	100.0	99.8	98.8	94.4	80.9	58.3	33.3	6.4	72.7	7440

RELATIVE HUMIDITY

10426	HOMESTEAD AFB FL
STATION	STATION NAME

67-70, 73-76

ADH
MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	00-02	100.0	100.0	100.0	100.0	99.6	94.0	73.1	36.0	7.2	76.6	900
	03-05	100.0	100.0	100.0	100.0	99.6	96.3	77.9	43.3	9.5	76.3	897
	06-08	100.0	100.0	100.0	100.0	99.1	94.0	71.1	38.7	7.4	76.5	895
	09-11	100.0	100.0	99.9	98.8	90.0	63.8	25.2	5.1	.4	62.8	897
	12-14	100.0	100.0	99.6	96.7	80.9	49.4	15.1	2.9	.2	60.1	900
	15-17	100.0	100.0	99.6	97.8	84.1	56.0	18.7	4.8	.2	61.7	900
	18-20	100.0	100.0	99.8	99.3	95.2	78.0	46.4	13.3	.6	68.5	900
	21-23	100.0	100.0	100.0	99.7	98.9	91.6	66.7	29.2	2.4	74.2	900
TOTALS		100.0	100.0	99.9	99.0	93.4	77.9	49.3	21.9	3.5	70.0	7189

RELATIVE HUMIDITY

12576	HOMESTEAD AFB FL
STATION	STATION NAME

60-70, 73-20

DAY
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	05-08	100.0	100.0	100.0	100.0	100.0	99.1	89.2	64.9	5.9	68.5	937
	08-05	100.0	100.0	100.0	100.0	100.0	99.4	92.6	64.6	7.9	82.3	937
	05-09	100.0	100.0	100.0	100.0	100.0	98.2	89.7	60.3	0.9	78.7	937
	09-11	100.0	100.0	100.0	100.0	98.3	81.4	38.7	7.2	.9	68.3	937
	12-14	100.0	100.0	100.0	98.8	92.6	72.1	27.9	5.9	.2	65.6	937
	15-17	100.0	100.0	100.0	99.2	94.4	75.3	37.3	9.9	1.0	67.3	937
	18-20	100.0	100.0	100.0	99.9	99.1	92.2	65.6	23.5	2.5	73.6	937
	21-23	100.0	100.0	100.0	100.0	99.9	93.5	85.9	45.4	4.2	78.5	937
TOTALS		100.0	100.0	100.0	99.7	98.2	89.5	65.9	32.7	3.3	74.5	7437

JOURNAL CLIMATOLOGY BRANCH
 METAC
 AIR-FAIRER SERVICE/MAC

RELATIVE HUMIDITY

11100 HOMESTEAD AFB FL
STATION STA

59-75,73-20

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	01-02	100.0	100.0	100.0	100.0	100.0	99.9	97.1	64.6	5.6	82.1	970
	03-05	100.0	100.0	100.0	100.0	100.0	99.9	98.6	77.9	7.4	83.5	970
	06-08	100.0	100.0	100.0	100.0	100.0	99.8	93.4	95.3	5.0	80.0	970
	09-11	100.0	100.0	100.0	100.0	99.9	91.0	44.5	9.3	.8	70.1	970
	12-14	100.0	100.0	100.0	99.8	98.2	86.3	33.7	10.0	.4	63.4	970
	15-17	100.0	100.0	100.0	99.9	98.9	90.1	43.4	15.1	.4	70.5	970
	18-20	100.0	100.0	100.0	100.0	99.3	97.7	75.2	24.2	1.9	75.3	970
	21-23	100.0	100.0	100.0	100.0	100.0	100.0	93.9	46.9	3.3	79.9	970
TOTALS		100.0	100.0	100.0	100.0	99.5	95.6	72.4	37.9	3.1	76.4	7200

2

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12175 HOMESTEAD AFB FL
STATION STATION NAME

69-73,73-0
PERIOD

JUL
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	1-6	100.0	100.0	100.0	100.0	100.0	99.9	97.7	63.7	3.4	31.1	930
	7-12	100.0	100.0	100.0	100.0	100.0	99.9	97.6	60.2	11.5	32.7	930
	13-18	100.0	100.0	100.0	100.0	99.9	99.4	38.4	40.2	6.9	72.6	930
	19-24	100.0	100.0	100.0	100.0	99.7	87.7	36.5	7.8	1.3	68.9	929
	25-31	100.0	100.0	100.0	100.0	98.0	79.7	26.6	7.0	1.0	66.6	930
	1-5	100.0	100.0	100.0	100.0	99.1	84.1	34.9	9.5	1.1	65.4	929
	6-10	100.0	100.0	100.0	100.0	99.9	94.9	64.6	22.5	2.4	73.8	930
	11-15	100.0	100.0	100.0	100.0	100.0	99.6	87.7	42.4	5.3	79.0	930
	16-20											
	21-25											
	26-30											
	31											
	TOTALS	100.0	100.0	100.0	100.0	99.6	94.2	66.2	31.7	4.7	75.0	7437

USAFETAC FORM 0-87-5 (OL A)
JUL 64

RELATIVE HUMIDITY

ALL
MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
AUG	1-30	100.0	100.0	100.0	100.0	100.0	100.0	95.3	63.7	11.3	81.0	920
	3-05	100.0	100.0	100.0	100.0	100.0	100.0	96.5	61.4	13.5	82.8	97
	06-09	100.0	100.0	100.0	100.0	100.0	99.8	97.8	61.0	11.2	80.9	979
	09-11	100.0	100.0	100.0	100.0	99.9	92.7	46.3	7.9	1.3	70.7	976
	12-14	100.0	100.0	100.0	100.0	99.6	88.4	30.5	6.4	1.9	66.0	93
	15-17	100.0	100.0	100.0	100.0	99.2	90.6	38.0	11.3	2.6	66.6	907
	18-20	100.0	100.0	100.0	100.0	100.0	97.5	71.8	27.5	3.8	75.6	930
	21-23	100.0	100.0	100.0	100.0	100.0	99.9	90.4	45.3	7.6	79.7	930
TOTALS		100.0	100.0	100.0	100.0	99.2	96.1	70.0	33.7	6.6	76.2	7436

11-26 HOMESTEAD AFB FL
STATION STATION NAME

64-72, 73-90

PERIOD

MONTH

**CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	6-02	100.0	100.0	100.0	100.0	100.0	100.0	98.9	68.0	6.7	83.1	898
	8-05	100.0	100.0	100.0	100.0	100.0	100.0	99.9	76.4	10.3	84.7	895
	10-06	100.0	100.0	100.0	100.0	100.0	100.0	97.6	68.4	6.5	83.0	895
	12-11	100.0	100.0	100.0	100.0	99.9	97.1	65.8	10.2	.9	72.4	895
	1-14	100.0	100.0	100.0	100.0	99.8	92.0	38.5	11.5	.6	69.6	893
	15-17	100.0	100.0	100.0	100.0	99.7	95.9	52.2	15.7	.2	71.9	894
	18-21	100.0	100.0	100.0	100.0	100.0	99.7	90.1	34.9	1.6	75.2	900
	1-23	100.0	100.0	100.0	100.0	100.0	100.0	97.1	54.6	4.3	81.3	899
TOTALS		100.0	100.0	100.0	100.0	99.9	98.1	78.8	42.8	3.9	78.0	7186

RELATIVE HUMIDITY

17626	HOMESTEAD AFB FL
STATION	STATION NAME

69-70, 73-75

507
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
	01-02	100.0	100.0	100.0	100.0	100.0	97.5	84.1	61.6	5.9	72.0	970
	03-05	100.0	100.0	100.0	100.0	100.0	98.6	87.0	61.0	12.6	81.0	930
	06-08	100.0	100.0	100.0	100.0	100.0	98.0	89.1	59.1	11.4	81.3	930
	09-11	100.0	100.0	100.0	99.9	98.7	79.4	45.8	12.6	.9	52.5	930
	12-14	100.0	100.0	100.0	99.2	94.4	63.4	25.1	7.0	1.1	64.9	930
	15-17	100.0	100.0	99.7	98.4	93.2	70.3	37.5	11.0	1.5	67.0	930
	18-20	100.0	100.0	100.0	99.5	93.3	92.6	68.6	27.2	2.6	74.2	930
	21-23	100.0	100.0	100.0	100.0	99.2	96.6	77.6	41.3	4.6	77.4	930
TOTALS		100.0	100.0	100.0	99.6	98.0	87.1	64.4	34.0	5.2	74.4	7440

12826	HOMESTEAD AFB FL	69-73,73-80	NOV
STATION	STATION NAME	PERIOD	MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-01	100.0	100.0	100.0	100.0	99.7	95.4	79.3	43.9	6.6	70.2	900
	01-05	100.0	100.0	100.0	99.8	99.1	96.2	84.2	51.0	9.8	80.0	900
	05-06	100.0	100.0	100.0	99.8	99.7	95.9	83.7	52.0	9.0	79.5	900
	06-11	100.0	100.0	99.9	99.3	93.7	74.6	41.7	13.7	.9	67.8	900
	11-14	100.0	100.0	99.2	96.1	85.1	53.9	24.4	6.1	.7	52.3	900
	14-17	100.0	100.0	99.4	95.1	88.7	64.9	31.4	7.9	.7	64.5	900
	17-20	100.0	100.0	100.0	99.4	96.9	87.2	60.0	27.3	2.0	72.6	897
	21-23	100.0	100.0	100.0	100.0	99.3	92.8	71.5	35.9	3.9	75.3	897
TOTALS		100.0	100.0	99.8	98.7	95.2	62.6	59.4	29.8	4.2	72.6	7194

2

CLIMATE CLIMATOLOGY BRANCH
 CHARLOTTE
 AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12576 HOMESTEAD AFB FL
 STATION STATION NAME

68-70, 73-79

PERIOD

DEC
 MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
01-02		100.0	100.0	100.0	99.9	99.1	94.1	76.9	46.8	7.1	72.2	931
03-05		100.0	100.0	100.0	99.9	99.4	96.1	81.3	51.6	17.3	72.6	921
06-08		100.0	100.0	100.0	100.0	99.2	96.7	83.0	52.5	11.1	69.1	931
09-11		100.0	100.0	99.7	98.4	93.9	74.8	44.1	14.5	1.7	68.1	931
12-14		100.0	99.8	96.5	94.4	82.8	48.7	17.3	3.9	.2	65.0	931
15-17		100.0	100.0	99.7	94.1	85.7	58.5	26.7	6.2	.3	62.3	93
18-20		100.0	100.0	100.0	99.1	94.1	85.2	60.1	24.7	1.6	72.1	928
21-23		100.0	100.0	100.0	99.8	97.7	91.2	71.3	39.7	4.6	75.9	927
TOTALS		100.0	100.0	99.6	93.2	94.0	80.7	57.6	31.0	4.6	72.0	7435

2

CLIMATE CLIMATOLOGY BRANCH
USAFETAC
AF-WEATHER SERVICE/MAC

RELATIVE HUMIDITY

12426 HOMESTEAD AFB FL
STATION

STATION NAME

69-70, 73-75

PERIOD

ALL
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	99.2	97.3	94.7	85.3	65.3	30.5	7.0	74.3	7430
FEB		100.0	100.0	99.7	97.1	91.9	77.6	56.1	31.7	6.2	71.7	6767
MAR		100.0	100.0	99.8	98.8	94.4	80.9	58.3	33.3	6.4	70.7	7440
APR		100.0	100.0	99.9	99.3	93.4	77.9	49.3	21.9	3.5	70.0	7189
MAY		100.0	100.0	100.0	99.7	98.7	89.5	65.7	32.7	3.6	74.5	7437
JUN		100.0	100.0	100.0	100.0	99.5	95.6	72.4	37.9	3.1	76.4	7070
JUL		100.0	100.0	100.0	100.0	99.6	93.2	66.2	31.7	4.7	76.0	7437
AUG		100.0	100.0	100.0	100.0	99.8	96.1	70.0	33.7	6.6	76.2	7430
SEP		100.0	100.0	100.0	100.0	99.9	98.1	78.9	42.6	3.9	76.0	7180
OCT		100.0	100.0	100.0	99.6	98.7	87.1	64.4	34.0	5.2	74.4	7447
NOV		100.0	100.0	99.8	98.7	95.2	82.6	59.4	29.8	4.2	72.6	7194
DEC		100.0	100.0	99.6	98.2	94.0	81.7	57.6	30.0	4.6	72.0	7475
TOTALS		100.0	100.0	99.8	99.3	96.5	87.1	63.6	33.2	4.9	74.7	87599

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F

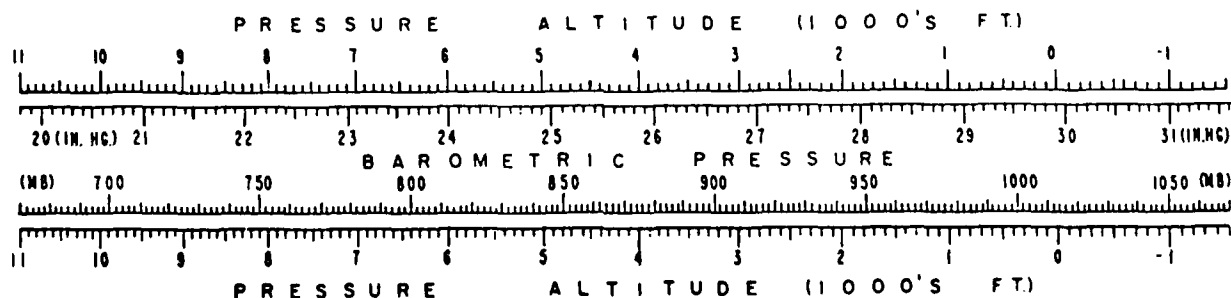
PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

10620 HOMESTEAD AFB FL

68-70, 73-80

STATION		STATION NAME												YEARS													
HRS (LST)		JAN.		FEB.		MAR.		APR.		MAY		JUN.		JUL.		AUG.		SEP.		OCT.		NOV.		DEC.		ANNUAL	
1	MEAN S D TOTAL OBS	30.068 .114 310	30.063 .106 282	30.028 .107 310	30.008 .101 300	29.955 .076 310	29.976 .072 300	30.017 .047 310	29.990 .055 310	29.937 .068 300	29.937 .079 310	30.015 .091 300	30.061 .096 310	30.004 .098 3652													
4	MEAN S D TOTAL OBS	30.051 .116 310	30.038 .106 282	29.997 .108 310	29.982 .100 300	29.933 .077 310	29.951 .071 300	29.993 .047 310	29.963 .056 310	29.910 .070 300	29.915 .079 310	29.997 .092 300	30.043 .097 310	29.981 .099 3652													
7	MEAN S D TOTAL OBS	30.071 .117 310	30.067 .108 282	30.031 .107 310	30.019 .101 300	29.968 .076 310	29.982 .072 300	30.021 .046 310	29.991 .057 310	29.940 .072 300	29.946 .079 310	30.027 .091 300	30.065 .101 310	30.011 .098 3652													
10	MEAN S D TOTAL OBS	30.119 .115 310	30.104 .110 282	30.066 .109 310	30.046 .104 300	29.990 .079 310	30.005 .073 300	30.046 .047 310	30.019 .058 310	29.971 .072 300	29.978 .080 310	30.063 .093 300	30.106 .100 310	30.042 .101 3652													
13	MEAN S D TOTAL OBS	30.067 .118 310	30.067 .111 282	30.035 .112 310	30.020 .108 300	29.968 .082 310	29.988 .073 300	30.032 .048 310	30.000 .057 310	29.942 .073 300	29.935 .081 310	30.011 .094 300	30.053 .102 310	30.009 .100 3652													
16	MEAN S D TOTAL OBS	30.037 .117 310	30.024 .111 282	29.994 .114 310	29.979 .109 300	29.930 .082 310	29.955 .074 300	29.998 .049 310	29.965 .056 310	29.903 .070 300	29.905 .082 310	29.984 .094 300	30.027 .103 310	29.975 .100 3652													
19	MEAN S D TOTAL OBS	30.061 .115 310	30.047 .106 282	30.011 .110 310	29.992 .107 300	29.942 .078 310	29.966 .071 300	30.006 .048 310	29.973 .056 310	29.922 .067 300	29.930 .080 310	30.012 .091 298	30.055 .096 309	29.993 .099 3649													
22	MEAN S D TOTAL OBS	30.087 .114 310	30.077 .106 282	30.043 .109 310	30.026 .102 300	29.977 .075 310	29.998 .071 300	30.038 .048 310	30.010 .055 310	29.959 .068 300	29.963 .079 310	30.039 .090 299	30.080 .095 309	30.025 .097 3650													
ALL HOURS	MEAN S D TOTAL OBS	30.070 .118 2480	30.061 .110 2256	30.026 .112 2480	30.009 .106 2400	29.958 .081 2480	29.978 .074 2400	30.019 .051 2480	29.989 .060 2480	29.935 .073 2400	29.938 .083 2480	30.018 .095 2397	30.061 .101 2478	30.005 .101 29211													

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN HGS FROM HOURLY OBSERVATIONS

19825 HOMESTEAD AFB FL

68-70, 73-80

STATION		STATION NAME												YEARS	
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
01	MEAN	1019.3	1018.8	1017.6	1016.9	1015.1	1015.8	1017.2	1016.3	1014.5	1014.5	1017.1	1018.7	1016.8	
	S.D.	3.904	3.588	3.650	3.416	2.590	2.426	1.572	1.369	2.311	2.662	3.092	3.272	3.312	
	TOTAL OBS	310	282	310	300	310	320	310	310	300	310	300	310	3652	
04	MEAN	1018.4	1017.9	1016.5	1016.0	1014.4	1015.0	1016.4	1015.3	1013.6	1013.7	1016.5	1018.0	1016.0	
	S.D.	3.936	3.610	3.671	3.401	2.610	2.428	1.548	1.895	2.370	2.659	3.145	3.288	3.349	
	TOTAL OBS	310	282	310	300	310	300	310	310	299	310	300	310	3651	
07	MEAN	1019.1	1018.9	1017.7	1017.2	1015.5	1016.0	1017.3	1016.3	1014.6	1014.8	1017.5	1018.8	1017.0	
	S.D.	3.969	3.645	3.655	3.415	2.586	2.458	1.532	1.925	2.426	2.665	3.088	3.398	3.323	
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652	
10	MEAN	1020.6	1020.2	1018.9	1018.2	1016.3	1016.8	1018.2	1017.3	1015.6	1015.8	1018.7	1020.2	1018.0	
	S.D.	3.920	3.721	3.706	3.542	2.690	2.468	1.563	1.971	2.433	2.710	3.139	3.388	3.439	
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652	
17	MEAN	1018.9	1018.9	1017.8	1017.3	1015.5	1016.2	1017.7	1016.6	1014.6	1014.4	1017.0	1018.4	1016.9	
	S.D.	4.003	3.754	3.800	3.675	2.771	2.466	1.599	1.942	2.475	2.743	3.194	3.451	3.401	
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652	
16	MEAN	1017.9	1017.5	1016.4	1015.9	1014.2	1015.1	1016.5	1015.4	1013.3	1013.4	1016.1	1017.5	1015.8	
	S.D.	3.958	3.746	3.855	3.733	2.773	2.493	1.619	1.915	2.349	2.785	3.194	3.380	3.402	
	TOTAL OBS	310	282	310	300	310	300	309	310	300	310	300	310	3651	
19	MEAN	1018.7	1018.2	1017.0	1016.3	1014.7	1015.5	1016.6	1015.7	1013.9	1014.2	1017.0	1018.4	1016.4	
	S.D.	3.903	3.594	3.729	3.639	2.686	2.388	1.595	1.905	2.281	2.697	3.097	3.267	3.358	
	TOTAL OBS	310	282	310	300	310	300	310	310	299	310	298	309	3648	
22	MEAN	1019.6	1019.2	1018.1	1017.5	1015.8	1016.5	1017.9	1017.0	1015.2	1015.3	1017.9	1019.3	1017.4	
	S.D.	3.891	3.596	3.671	3.450	2.567	2.434	1.585	1.870	2.299	2.658	3.045	3.244	3.274	
	TOTAL OBS	310	282	310	300	310	300	310	310	300	310	299	309	3650	
ALL HOURS	MEAN	1019.0	1018.7	1017.5	1016.9	1015.2	1015.9	1017.2	1016.2	1014.4	1014.5	1017.2	1018.7	1016.8	
	S.D.	4.005	3.734	3.791	3.607	2.741	2.517	1.686	2.022	2.476	2.797	3.215	3.416	3.430	
	TOTAL OBS	2480	2256	2480	2400	2480	2400	2479	2480	2398	2480	2397	2478	29208	

END

DATE
FILMED

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